CH2M HILL
1748 West Truck Road
Otis ANGB, MA 02542

30 March 2012

Mr. Jonathan S. Davis
Remediation Program Manager
HQ AFCEE/MMR
322 E. Inner Road
Otis ANG Base, MA 02542-5028

SUBJECT: AFCEE 4P08 FA8903-08-D-8769; Task Order 0300
MMR SPEIM/LTM/O&M Program
CDRL #A001j
Southwest Plumes 2011 Summary Letter Report

Dear Mr. Davis:

The purpose of this Summary Letter Report (SLR) is to document the results of sampling activities conducted at the Southwest Plumes under the System Performance and Ecological Impact Monitoring (SPEIM) program during the 2011 calendar year. This deliverable contains no detailed assessment or evaluation of the results, but is a means of documenting all the actions completed under the Southwest Plumes SPEIM program. The data collected under the SPEIM program are continually assessed and the results of these assessments are presented initially during the Technical Update Meetings and then through Technical Memoranda or Project Note deliverables, if warranted, based on the results of the data evaluation or to address particular plume issues.

This letter report includes a summary of the activities performed and the data collected for the Southwest Plumes SPEIM program between 01 January and 31 December 2011. The Southwest Plumes area includes the following groundwater plumes: Chemical Spill-4 (CS-4), Chemical Spill-20 (CS-20), Chemical Spill-21 (CS-21), and Fuel Spill-29 (FS-29) (**Figure 1**). The Southwest Plumes contaminants of concern (COCs) and their respective groundwater standards are presented in **Table 1**. The individual Southwest Plumes are defined by the presence of their respective COCs in excess of the applicable Maximum Contaminant Levels (MCLs), Massachusetts MCLs (MMCLs), and/or Massachusetts Contingency Plan (MCP) Method 1 Groundwater-1 (GW-1) standards.

The Southwest Plumes remedial system was designed to collectively remediate the CS-4, CS-20, CS-21, and FS-29 groundwater plumes. The contaminated groundwater is captured by extraction wells in each plume and treated in a centrally located treatment plant (the Hunter Avenue Treatment Facility [HATF]). The treated water is returned to the aquifer through reinjection wells, an infiltration trench, and an infiltration gallery (**Figure 1**).

Phase I of the Southwest Plumes system startup occurred with the CS-4 remedial system startup on 28 November 2005 and the CS-20 remedial system startup on 11 January 2006. Phase II of system startup occurred on 11 September 2006 with the startup of the CS-21 and FS-29 remedial components.

As of December 2011, the Southwest Plumes remedial system was operating at a flow rate of 1,967 gallons per minute (gpm) (170 gpm for CS-4, 749 gpm for CS-20, 1,048 gpm for CS-21). This operational condition is referred to as 2010 Scenario 02. The FS-29 remedial system was shut down in September 2010 because it was no longer contributing to the cleanup of the FS-29 plume. The following Southwest Plumes extraction wells have been turned off as a result of remedial system optimization efforts (shutdown date in parentheses): FS-29 extraction well 80EW0002 (16 April 2009), CS-4 extraction well 02EW0016 (09 December 2009), CS-21 extraction well 82EW0004 (23 June 2010), and FS-29 extraction well 80EW0001 (20 September 2010).

The flow from the CS-4 and CS-20 extraction wells is combined, enters the HATF through a common influent line, and is treated through its own series of carbon vessels (**Figure 2**). Likewise, the flow from the CS-21 (and FS-29 when operational) extraction wells enters the plant through a common influent line and is treated through dedicated carbon trains. The treated water from the CS-4/CS-20 trains and the CS-21 trains exits the HATF in a combined effluent line and is returned to the aquifer through six reinjection wells, an infiltration gallery, and an infiltration trench. The following Southwest Plumes reinjection wells have been turned off as a result of remedial system optimization efforts (shutdown date in parentheses): FS-29 reinjection well 80RIW0001 and CS-21 reinjection well 82RIW0003 (30 June 2010), and FS-29 reinjection well 80RIW0002 (20 September 2010).

In addition to the Southwest Plumes, the HATF houses a treatment train for groundwater extracted from the Chemical Spill-23 (CS-23) plume and the southern portion of the Landfill-1 (LF-1) plume (**Figures 1** and **2**). The LF-1/CS-23 groundwater is treated at the HATF separately from the Southwest Plumes groundwater and exits the treatment plant through a separate effluent line (i.e., not combined with effluent from the Southwest Plumes). All LF-1 and CS-23 data collected at the HATF in 2011 will be reported in the LF-1/CS-23 2011 SLR, which is scheduled for submittal in March 2012.

The Air Force Center for Engineering and the Environment (AFCEE) installed the Southwest Plumes remedial system under two Final Record of Decision (ROD) documents (AFCEE 2000a and 2000b), as described in the Final Wellfield Design Report (AFCEE 2004). However, a Final Explanation of Significant Differences (ESD) was submitted in September 2008 to document changes to the selected remedies for CS-4, CS-20, and FS-29 (AFCEE 2008a). The primary difference between the original cleanup strategy identified in the RODs and the implemented strategy is the extent of plume capture by the remedial systems. The RODs presented a remedial strategy that would achieve full capture of each of the Southwest Plumes. However, the final design for the CS-4, CS-20, and FS-29 systems could not achieve full capture due to access and constructability issues and allows the low concentration groundwater contamination in the downgradient leading edges of these plumes to reach cleanup levels through natural attenuation instead of through active remediation. The ESD also documents the Land Use Control (LUC) process at the Southwest Plumes, and updates the three-step process for groundwater cleanup at the Southwest Plumes (AFCEE 2008a). A second ESD was submitted in September 2011 that clarified the

inclusion of monitored natural attenuation as a component of the selected remedy, slightly modified the phrasing of the remedial action objectives, and updated the steps to achieve site closure (i.e., the three step process) (AFCEE 2011b).

SOUTHWEST PLUMES SPEIM ACTIVITIES

The SPEIM program was developed to monitor plume changes and to ensure the effective operation of the AFCEE groundwater remediation systems at the Massachusetts Military Reservation (MMR). These objectives are met through monitoring of selected media (i.e., groundwater, surface water) within and outside the plume boundaries, treatment plant monitoring, and groundwater flow and transport modeling. Activities completed for the Southwest Plumes SPEIM program during 2011 include the following:

Standard SPEIM Sampling Activities:

- Annual (March through May 2011) and Semiannual groundwater monitoring (September 2011)
- Irrigation well sampling (April 2011)
- Seasonal recreational beach area surface water sampling (April 2011)
- Annual public water supply sentry well sampling (March 2011)
- Monthly treatment plant sampling (January through December 2011)
- Quarterly extraction well sampling (March, June, September, and December 2011)
- Recording of daily average treatment system flow rates (January through December 2011)
- LUC Program private well sampling

The groundwater and surface water locations sampled for the Southwest Plumes SPEIM program in 2011 are presented in **Figure 3**. Well construction and surface water sample location information are included in **Table 2**. The current Southwest Plumes SPEIM network is presented in the *Comprehensive Long Term Monitoring Plan*, which is available from AFCEE.

Groundwater and surface water analytical results for COCs only are presented in **Table 3** for the CS-4 plume, in **Table 4** for the CS-20 plume, in **Table 5** for the CS-21 plume, and in **Table 6** for the FS-29 plume. A map showing the distribution of COC detections in groundwater is included as **Figure 4**. A comparison of compounds detected in groundwater and treatment plant samples to applicable standards is included in **Attachment A**.

Drilling Activities:

Four direct push borings (81DP1010 – 81DP1013) were advanced in February and March 2011 to provide data to support an optimization evaluation for the CS-20 remedial system (**Figure 3**). Groundwater vertical profile samples were collected at 10-foot intervals from the water table (between 30 and 65 ft below ground surface) to the drilling refusal depth and were submitted for volatile organic compound analysis via EPA Method 8260B. All four direct push borings failed to reach target depths. The groundwater vertical profile results from the direct push borings are included in **Attachment B**.

Data Summary Report:

The data summary report for the analytical data reported in this SLR is included in Attachment C.

Presentations:

Presentations completed for the Southwest Plumes are listed in Table 7.

Project Note Submittals:

The project note related to activities conducted for the Southwest Plumes under the SPEIM program in 2011 are included in Attachment D.

Report Submittals:

- *Southwest Plumes 2010 Summary Letter Report* submitted in March 2011 (AFCEE 2011e)
- *Data Transmittal of 2011 Annual Monitoring Analytical Results for Crooked Pond Public Water Supply Well Sentry Wells* (May 2011)
- *Final Chemical Spill-4 2010 Remedial System Optimization Technical Memorandum* (AFCEE 2011a)

Major Events and Optimizations:

The CS-20 leading edge monitoring network was optimized following an evaluation of the results from the Spring 2011 annual monitoring event. The sampling frequency was increased at monitoring wells 81MW0013B and 81MW0019A from annual to semiannual to monitor the natural attenuation of the uncaptured leading edge of the CS-20 plume (AFCEE 2011d, Attachment D). In addition, AFCEE's recreational beach surface water monitoring program was optimized during 2011 and resulted in the elimination of monitoring at Coonamessett Pond (Figure 1), which had been conducted in the past due to the proximity of the CS-4 plume (AFCEE 2011c).

The results of the CS-21 remedial system optimization were presented to the regulatory agencies at the 17 November 2011 Technical Update Meeting with the recommendation to reduce flows at extraction wells 82EW0001, 82EW0002, and 82EW0003. At the follow-up Technical Update Meeting on 26 January 2012 and in follow-on e-mail correspondence, the regulatory agencies provided their approval to reduce flow rates at 82EW0002 and 82EW0003, but not at 82EW0001. Flow rates were reduced from 274 gpm to 100 gpm at both 82EW0002 and 82EW0003 on 03 February 2012 (2012 Scenario 01, with a total system flow rate of 1,619 gpm). AFCEE and the regulatory agencies will discuss the operation of 82EW0001 further, the results of which will be documented in a Project Note deliverable, and included in the Southwest Plumes 2012 SLR, scheduled for submittal in March 2013.

As discussed above, direct push drilling was performed at CS-20 to provide data to support an optimization evaluation for the CS-20 remedial system (Figure 3). However, target depths were not achieved at those drilling locations, and therefore did not provide the data required for the optimization assessment (Attachment B). Subsequently, flow testing was performed at 81EW0001 between August and November 2011 to provide information for the remedial system optimization assessment. The CS-20 plume shell is in the process of being updated, and a modeling assessment of the CS-20 remedial system will be performed in the

Spring/Summer of 2012. The results of the optimization evaluation will be presented at a Technical Update Meeting, documented in Project Note deliverable, and included in the Southwest Plumes 2012 SLR.

SOUTHWEST PLUMES REMEDIAL STATUS UPDATE

Analytical results from the HATF are presented in **Table 8**. Average weekly flow rates for the Southwest Plumes remedial system are presented in **Table 9** (CS-4 and CS-20) and **Table 10** (CS-21). Treatment system operational downtimes or deviations (for events lasting two hours or longer) for the 2011 calendar year are summarized in **Table 11**. Mass removal calculations for the Southwest Plumes are included in **Table 12.** The Southwest Plumes portion of HATF treated approximately 830 million gallons of contaminated groundwater, and removed approximately 29.9 pounds (lbs) of tetrachloroethene (PCE), trichloroethene (TCE), carbon tetrachloride (CCl_4), ethylene dibromide (EDB), and 1,1,2,2-tetrachloroethane (1,1,2,2-TeCA) between January and December 2011. Since system startup, the Southwest Plumes portion of HATF has removed approximately 271.3 lbs of COCs through the treatment of approximately 7.2 billion gallons of groundwater. The operation of the Southwest Plumes remedial system used approximately 1,058 megawatt hours of electricity during 2011. Power plant air emissions associated with this power generation for 2011 and since system startup in December 2006 are presented in **Table 13**. Green energy purchases and power production from AFCEE's wind turbines are incorporated into these air emissions data.

Mass removal calculations for individual extraction wells are included in **Table 14** for the CS-4 plume, in **Table 15** for the CS-20 plume, and in **Table 16** for the CS-21 plume. The status of the remedial activities at each of the Southwest Plumes is summarized below.

CS-4

The most recent plume shell for CS-4 included data collected through February 2010 (AFCEE 2011a). The 2010 CS-4 plume shell is estimated to contain approximately 130 million gallons of groundwater contaminated with PCE at concentrations above the MCL of 5 micrograms per liter (µg/L). The 2010 CS-4 plume shell is estimated to contain approximately 13 lbs of dissolved-phase PCE. Plume shells for the other CS-4 COCs (TCE; 1,1,2,2-TeCA; and EDB) were not created because detections of those COCs above their respective groundwater standards are sporadic and are co-located with the PCE contamination.

Using the 2010 CS-4 PCE plume shell and assuming the system will operate continuously under 2010 Scenario 01 flow rates, the most recent transport model simulations predict that the two remaining operational CS-4 extraction wells (02EW0014 and 02EW0015) can be shut down by approximately 2016. PCE is predicted to remain in low conductivity units in the upgradient portion of the CS-4 plume, but concentrations are expected (based on transport simulations) to decrease below the MCL through natural attenuation by approximately 2030 (AFCEE 2011a).

The CS-4 extraction wells pumped approximately 84 million gallons of contaminated groundwater and removed approximately 3 lbs of PCE between January and December 2011 (**Table 14**). The CS-4 extraction wells have removed approximately 28 lbs of COCs through the treatment of approximately 1.2 billion gallons of contaminated groundwater since system startup.

CS-20

The most recent plume shell for CS-20 included data collected through February 2006 (AFCEE 2008b). The 2006 CS-20 plume shell is estimated to contain approximately 1.2 billion gallons of groundwater contaminated with PCE at concentrations above the MCL of 5 µg/L. The CS-20 PCE plume shell was created as a composite with TCE and incorporates some isolated TCE detections that were not co-located with PCE. CS-20 TCE detections are sporadic and at generally low concentrations. The 2006 CS-20 plume shell is estimated to contain approximately 102 lbs of combined dissolved-phase PCE and TCE. As noted in **Table 1**, PCE is the only COC for CS-20.

Using the most recent CS-20 plume shell and assuming the system will operate continuously under 2008 Scenario 01 flow rates, the most recent transport model simulations suggest that all of the CS-20 extraction wells can be shut down by approximately 2017. PCE concentrations in the remainder of the CS-20 plume are predicted to decrease below the MCL through natural attenuation by approximately 2023 (AFCEE 2008b).

The CS-20 extraction wells pumped approximately 242 million gallons of contaminated groundwater and removed approximately 6 lbs of PCE between January and December 2011 (**Table 15**). The CS-20 extraction wells have removed approximately 81 lbs of PCE through the treatment of approximately 2.1 billion gallons of contaminated groundwater since system startup.

CS-21

The most recent plume shell for CS-21 included data collected through May 2010. The 2010 CS-21 plume shell is estimated to contain approximately 1.5 billion gallons of groundwater contaminated with TCE at concentrations above the MCL of 5 µg/L, and approximately 132 lbs of dissolved-phase TCE. Using the most recent CS-21 TCE plume shell and assuming the system will operate continuously under 2012 Scenario 01 flow rates (implemented on 03 February 2012, see above), the most recent transport model simulations predict that all of the CS-21 extraction wells can be turned off by approximately 2024. TCE concentrations in the CS-21 plume are expected to decline below the MCL through natural attenuation by approximately 2026.

The CS-21 extraction wells pumped approximately 505 million gallons of contaminated groundwater and removed approximately 21 lbs of TCE between January and December 2011 (**Table 16**). The CS-21 extraction wells have removed approximately 138 lbs of TCE through the treatment of approximately 3.3 billion gallons of contaminated groundwater since system startup.

FS-29

The most recent plume shell for FS-29 included data collected through September 2006 (AFCEE 2008b). The 2006 FS-29 plume shell was estimated to contain approximately 875 million gallons of groundwater contaminated with EDB and CCl_4 at concentrations above the applicable groundwater standards. Using the most recent FS-29 EDB plume shell and assuming the system will operate continuously under 2009 Scenario 01 flow rates, the most recent transport simulations predicted that FS-29 extraction well 80EW0001 could be shut down by approximately 2018, and that EDB concentrations in the upgradient portion of the FS-29 plume would drop below the MMCL by approximately 2028 (AFCEE 2010).

However, EDB concentrations in the FS-29 plume have decreased faster than the model predictions. There were only three detections of EDB above the MMCL in 2009 and 2010, and EDB concentrations have been below the MMCL since August 2010 in all FS-29 monitoring wells sampled. In addition, EDB was not detected in the influent of the FS-29 extraction wells after March 2010, leading to the shutdown of both extraction wells (80EW0002 was shut down on 16 April 2009, and 80EW0001 was shut down on 20 September 2010) (AFCEE 2010). The FS-29 extraction wells removed approximately 9 lbs of COCs from system startup through system shutdown in September 2010. SPEIM data will continue to be collected and evaluated until such a time that AFCEE and the regulatory agencies agree that remedial actions at FS-29 can transition to Long Term Monitoring.

Through the SPEIM program, the Conceptual Site Model is routinely updated and the remedial system operation is continuously evaluated and optimized to reduce cleanup times, therefore the timeframes presented in the preceding section will most likely be decreased in future scenarios.

SOUTHWEST PLUMES SPEIM ACTIVITIES PLANNED FOR 2012

Activities currently planned for the Southwest Plumes SPEIM program for 2012 include the following:

- Triennial groundwater sampling (March 2012)
- Synoptic water level measurements (as needed)
- Seasonal recreational beach area surface water sampling (April 2012)
- Annual public water supply sentry well sampling (March 2012)
- Monthly treatment plant sampling (January through December 2012)
- Quarterly extraction well sampling (March, June, September, December 2012)
- Recording of daily average treatment system flow rates (January through December 2012)
- Southwest Plumes SPEIM data presentation for triennial groundwater sampling (Summer 2012)
- Document the CS-21 remedial system optimization assessment (Spring 2012)
- Initiate the CS-20 remedial system optimization assessment (Spring/Summer 2012)
- LUC Program private well sampling, including irrigation wells (as needed)

Mr. Jon Davis is the Air Force point of contact for this project and can be reached at (508) 968-4670, extension 4952.

Sincerely,

CH2M HILL

Patricia de Groot P.G.
Program Manager

Attachments:

Figure 1	Southwest Plumes Remedial System and Hunter Avenue Treatment Facility
Figure 2	Hunter Avenue Treatment Facility Process Flow Diagram
Figure 3	Southwest Plumes Chemical Monitoring Locations
Figure 4	Southwest Plumes 2011 COC Detections in Groundwater

Table 1	Southwest Plumes Contaminants of Concern and Groundwater Standards
Table 2	Southwest Plumes Well Construction and Surface Water Sampling Information
Table 3	CS-4 Groundwater Monitoring Results
Table 4	CS-20 Groundwater and Surface Water Monitoring Results
Table 5	CS-21 Groundwater Monitoring Results
Table 6	FS-29 Groundwater Monitoring Results
Table 7	Southwest Plumes Meeting Presentations
Table 8	Hunter Avenue Treatment Facility Sampling Results
Table 9	CS-4 and CS-20 Flow Rates
Table 10	CS-21 Flow Rates
Table 11	Hunter Avenue Treatment Facility Downtime Summary
Table 12	Hunter Avenue Treatment Facility Mass Removal Summary
Table 13	Southwest Plumes Remedial System Electrical Consumption and Associated Air Emissions
Table 14	CS-4 Extraction Well Mass Removal Summary
Table 15	CS-20 Extraction Well Mass Removal Summary
Table 16	CS-21 Extraction Well Mass Removal Summary
Attachment A	Comparison of Detected Concentrations in Southwest Plumes Groundwater and Treatment Plant Samples to Applicable Groundwater Standards
Attachment B	Direct Push Groundwater Vertical Profile Results
Attachment C	Southwest Plumes 2011 SLR Data Summary Report
Attachment D	Southwest Plumes Project Note

* c: Rose Forbes, AFCEE/MMR
Bob Lim, EPA
Leonard Pinaud, MassDEP
Jason Zimmer, DFW
Denis LeBlanc, USGS
Kelly Cardoza, Avalon Consulting
Patrick S. O'Neale, Tata and Howard
William Chapman, Town of Falmouth
CH2M HILL Doc. Ctl & Distribution

* Delivery via email.

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FIGURES

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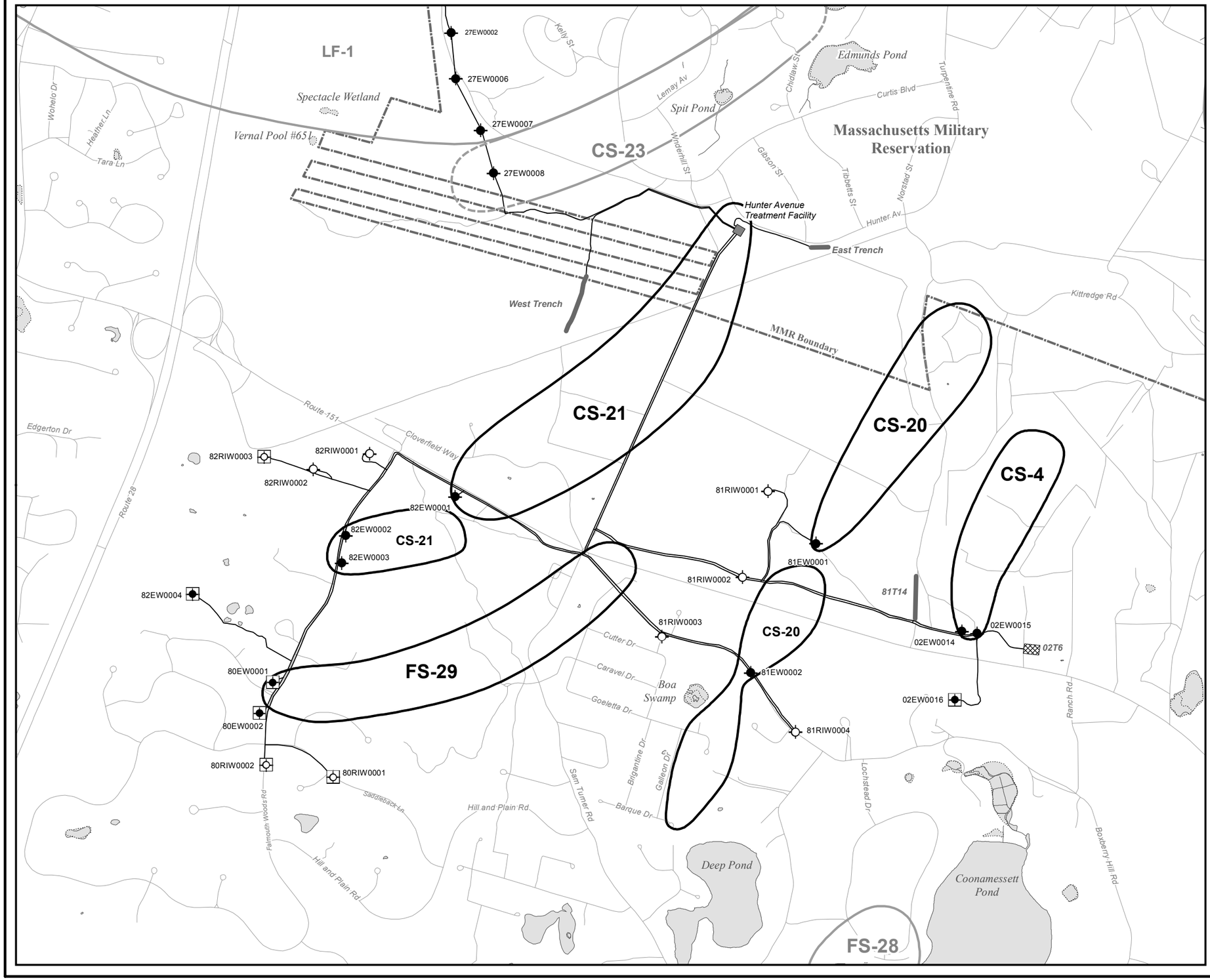
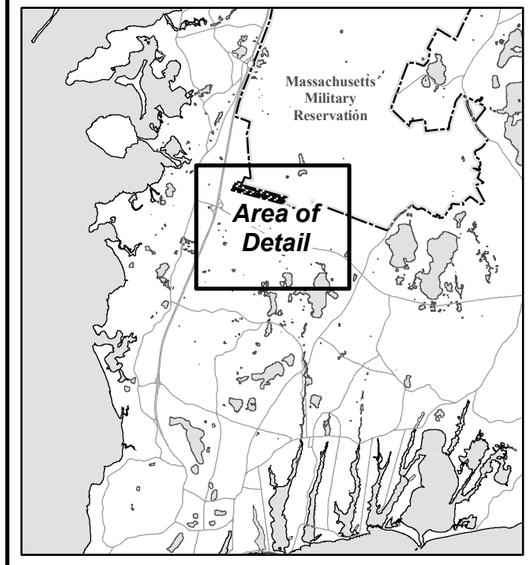


Legend

- Extraction Well
- Reinjection Well
- Extraction Well (Off)
- Reinjection Well (Off)
- Infiltration Gallery
- Treatment Plant
- Infiltration Trench
- Massachusetts Military Reservation Boundary
- Southwest Plume Boundary
- Other AFCEE Plume Boundary (Dashed Where Inferred)
- Treatment System Piping



N

0 675 1,350

Feet

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse
MMR boundary from Massachusetts Air National Guard 2011

FIGURE 1

SOUTHWEST PLUMES REMEDIAL SYSTEM AND HUNTER AVENUE TREATMENT FACILITY

AFCEE - Massachusetts Military Reservation

Southwest Plumes 2011 Summary Letter Report

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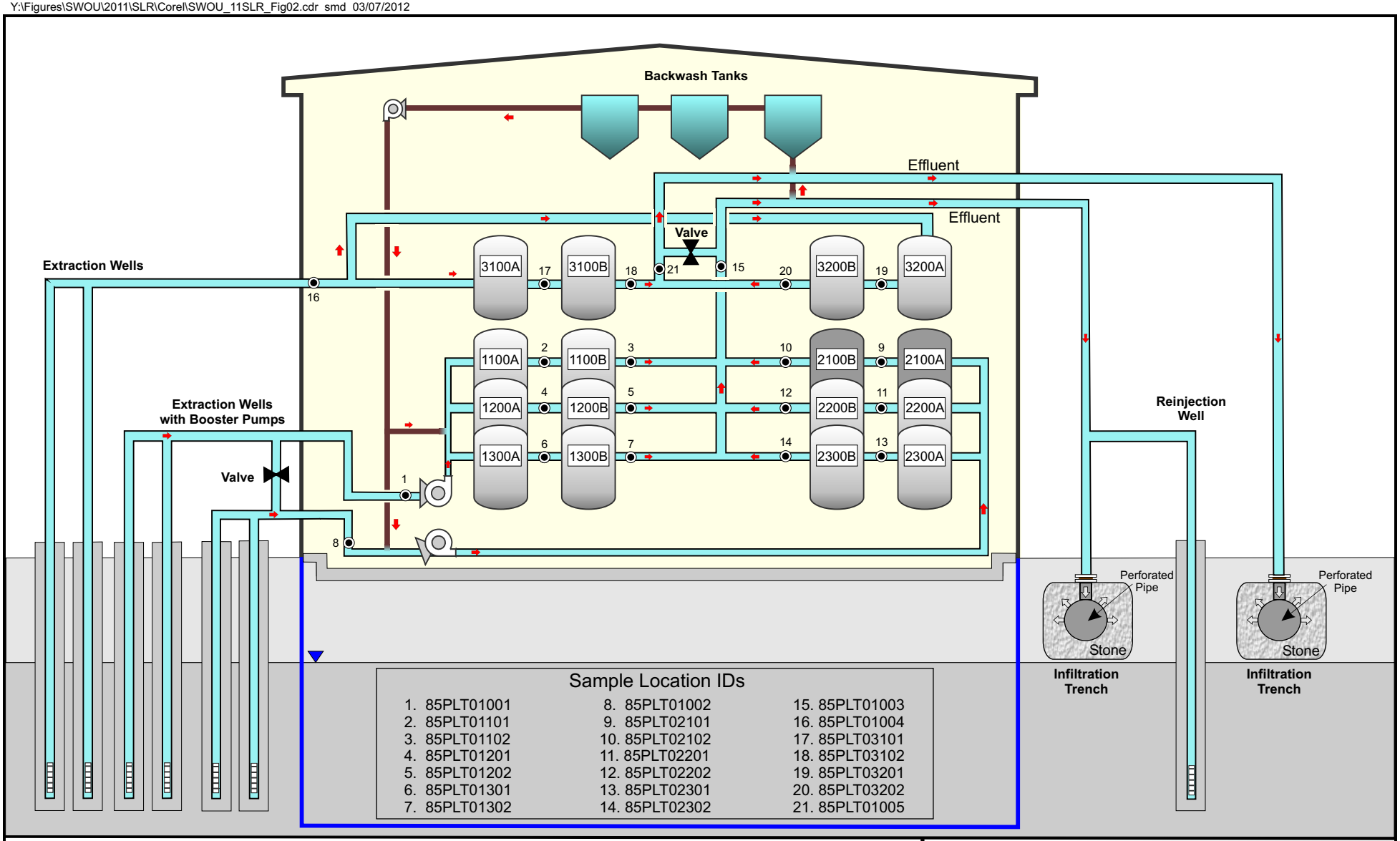

Legend

- Sampling Port
- Water Table
- Pump
- Valve

GAC Granular Activated Carbon

NOTES:

(1) Lead and lag GAC vessel positions are interchangeable.
(2) "As-builts" should be consulted for detailed plant information.
(3) Vessels 2100A and 2100B are currently not in use.
(4) Booster pumps are currently not in use.

FIGURE 2

HUNTER AVENUE TREATMENT FACILITY PROCESS FLOW DIAGRAM

AFCEE - Massachusetts Military Reservation
Southwest Plumes 2011 Summary Letter Report

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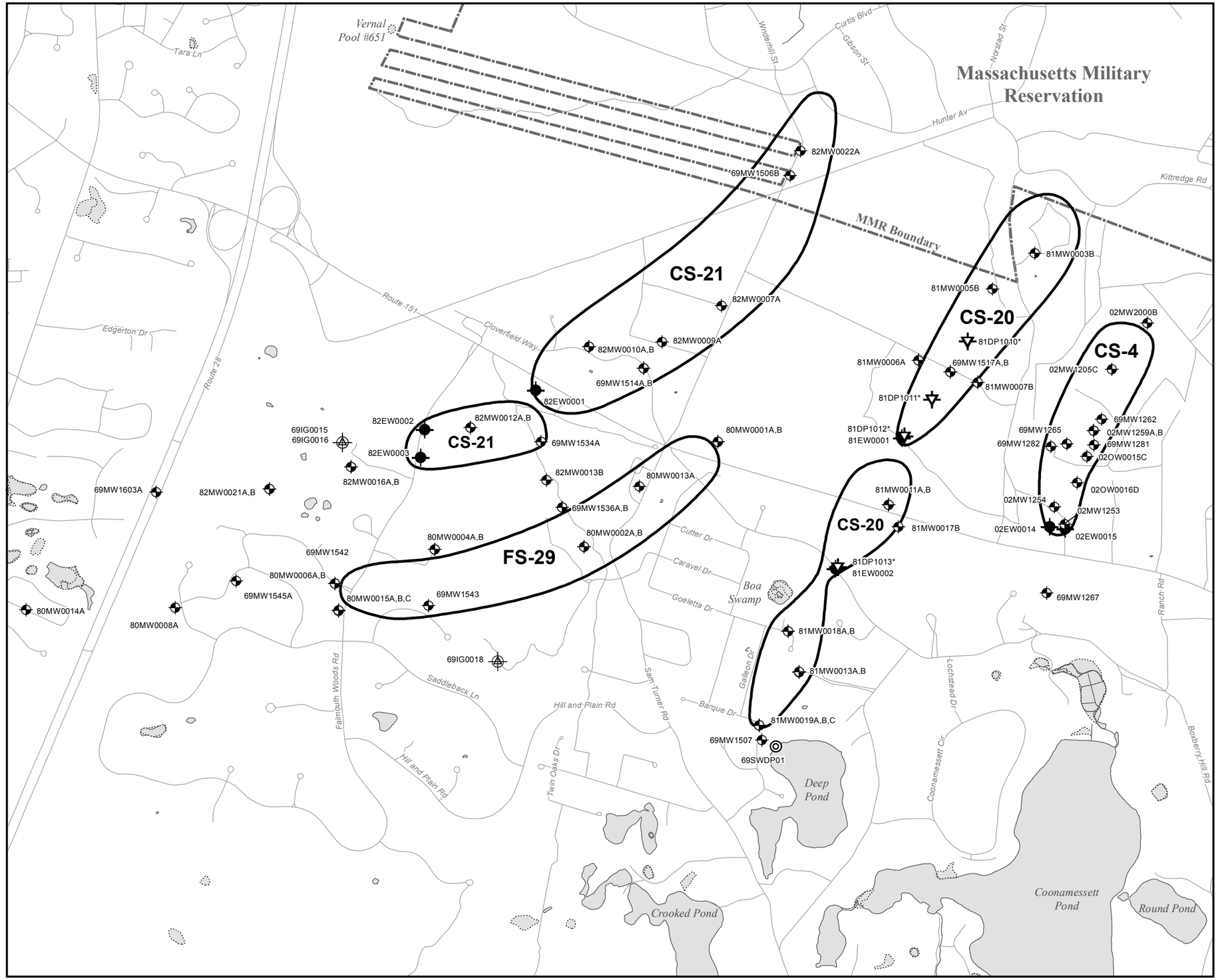

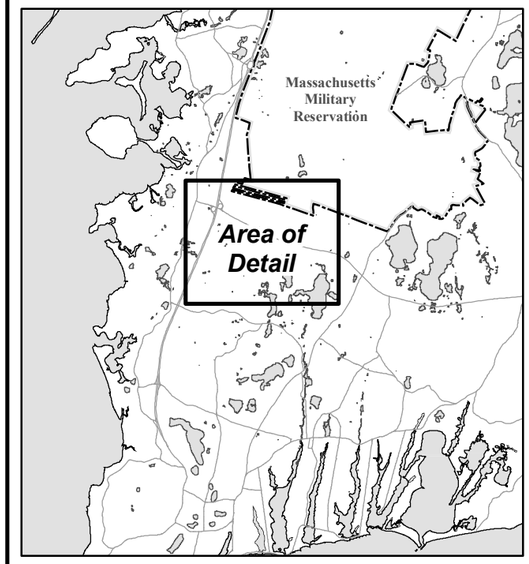

Legend

- Extraction Well
- Monitoring Well
- Direct Push Location
- Irrigation Well
- Surface Water Sample Location
- Massachusetts Military Reservation Boundary
- Southwest Plume Boundary

*2011 direct push boring

0 710 1,420 Feet

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse
MMR boundary from Massachusetts Air National Guard 2011

FIGURE 3

SOUTHWEST PLUMES CHEMICAL MONITORING LOCATIONS

AFCEE - Massachusetts Military Reservation

Southwest Plumes 2011 Summary Letter Report

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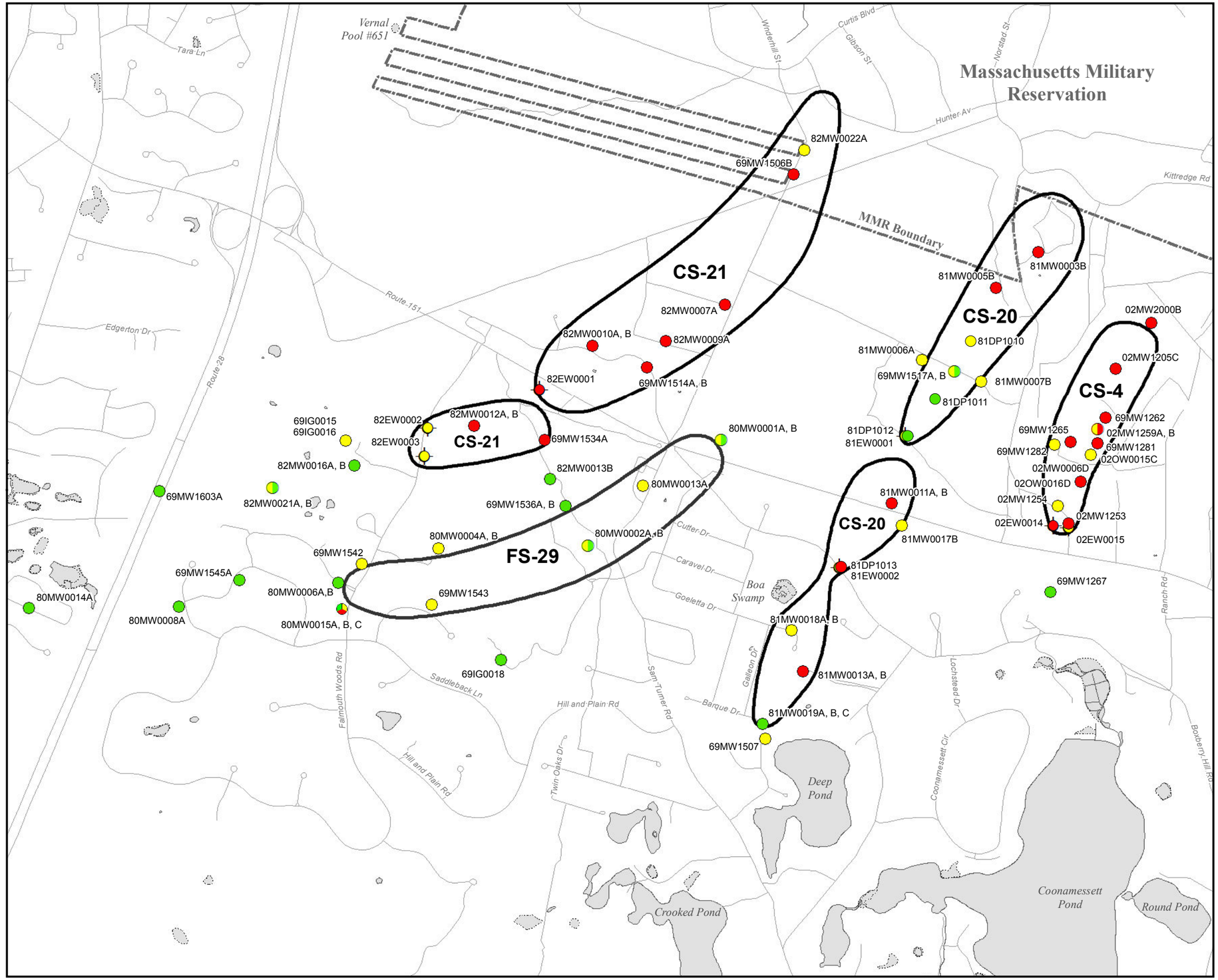
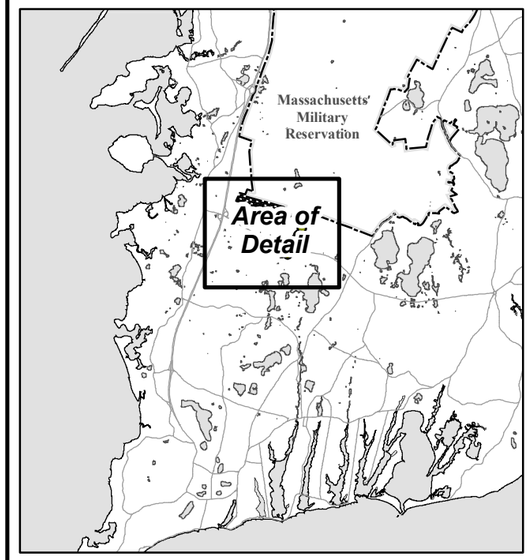


Legend

- Extraction Well
- Massachusetts Military Reservation Boundary
- Southwest Plume Boundary

Contaminant Detections in Groundwater:

- No Detection
- Detection Below or at MCL/MMCL/GW-1 Standard
- Detection Above MCL/MMCL/GW-1 Standard



0 700 1,400 Feet

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse
MMR boundary from Massachusetts Air National Guard 2011

FIGURE 4

SOUTHWEST PLUMES 2011 COC DETECTIONS IN GROUNDWATER

AFCEE - Massachusetts Military Reservation

Southwest Plumes 2011 Summary Letter Report

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TABLES

Table 1
Southwest Plumes Contaminants of Concern and Groundwater Standards
Southwest Plumes 2011 Summary Letter Report

Plume	COCs	Standard (µg/L)	Type
CS-4	PCE, TCE	5	MCL
	1,1,2,2-TeCA	2	GW-1
	EDB	0.02	MMCL
CS-20	PCE	5	MCL
CS-21	TCE	5	MCL
FS-29	CCl_4	5	MCL
	EDB	0.02	MMCL

Notes:
1. MCLs from U.S. Environmental Protection Agency (EPA) web page, http://www.epa.gov/safewater/contaminants/index.html.
2. MMCLs from Massachusetts Department of Environmental Protection (MassDEP) web page, http://www.mass.gov/dep/water/dwstand.pdf.
3. GW-1 = MassDEP MCP Method 1 Groundwater-1 Standards from MassDEP web page http://www.mass.gov/dep/cleanup/laws/0974_2.htm.

Key:
COC = contaminant of concern
CCl_4 = carbon tetrachloride
CS-4 = Chemical Spill-4
CS-20 = Chemical Spill-20
CS-21 = Chemical Spill-21
EDB = ethylene dibromide
FS-29 = Fuel Spill-29
GW-1 = MCP Method 1 Groundwater-1 Standard
MCL = Maximum Contaminant Level
MCP = Massachusetts Contingency Plan
MMCL = Massachusetts MCL
PCE = tetrachloroethene
TCE = trichloroethene
TeCA = tetrachloroethane
µg/L = micrograms per liter

Table 2
Southwest Plumes Well Construction and Surface Water Sampling Information
Southwest Plumes 2011 Summary Letter Report

Location	Northing (ft)	Easting (ft)	Surface Elevation (ft msl)	Measuring Point Elevation (ft msl)	Total Well Depth (ft bgs)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Screen Length (ft)
02EW0014	232080	855093	93.48	87.69	210	-58.52	-111.52	53
02EW0015	232054	855297	94.66	88.83	197	-57.34	-97.34	40
02MW1205C	234157	855912	101.28	103.69	136	-29.22	-34.22	5
02MW1253	232111	855293	94.43	96.39	213	-112.68	-117.68	5
02MW1254	232339	855155	94.80	97.32	214	-113.80	-118.80	5
02MW1259A	233350	855674	99.03	98.71	226	-120.97	-125.97	5
02MW1259B	233350	855673	99.03	98.70	166	-60.97	-65.97	5
02MW2000B	234769	856387	103.41	103.13	125	-16.59	-21.28	5
02OW0015C	233010	855584	98.32	101.00	156	-52.68	-57.68	5
02OW0016D	232662	855455	97.90	99.43	177	-73.90	-78.90	5
69IG0015	233199	845736	132.00	132.00	265	-123.00	-133.00	10
69IG0016	233196	845740	130.00	133.00	200	-64.00	-70.00	6
69IG0018	230299	847793	72.40	71.37	100	-17.16	-27.16	10
69MW1262	233501	855779	99.85	102.75	173	-68.15	-73.15	5
69MW1265	233182	855316	98.26	101.65	232	-128.74	-133.74	5
69MW1267	231201	855052	91.01	93.66	157	-60.99	-65.99	5
69MW1281	233162	855678	98.64	101.28	200	-96.36	-101.36	5
69MW1282	233143	855111	98.00	100.55	190	-87.00	-92.00	5
69MW1506B	236729	851661	124.50	126.51	140	-10.40	-15.40	5
69MW1507	229258	851288	64.83	67.27	155	-85.07	-90.07	5
69MW1514A	234180	849720	104.29	104.08	288	-179.11	-183.51	4
69MW1514B	234180	849720	104.29	104.07	168	-57.81	-63.11	5
69MW1517A	234126	853780	107.20	109.13	236	-123.00	-128.00	5
69MW1517B	234133	853782	107.22	109.28	156	-43.28	-48.28	5
69MW1534A	233207	848367	120.55	123.02	287	-161.45	-166.45	5
69MW1536A	232334	848646	107.64	110.33	279	-165.86	-170.86	5
69MW1536B	232333	848646	107.64	110.27	179	-65.86	-70.86	5
69MW1542	231575	845951	135.31	137.17	225	-84.69	-89.69	5
69MW1543	231035	846877	139.20	141.47	280	-135.80	-140.80	5
69MW1545A	231362	844334	116.00	115.64	257	-136.00	-141.00	5
69MW1603A	232537	843273	97.25	99.86	241	-138.33	-143.33	5
69SWDP01	229171	851471	N/A	N/A	N/A	N/A	N/A	N/A
80MW0001A	233205	850702	106.34	105.91	201	-88.70	-93.80	5
80MW0001B	233205	850702	106.34	105.95	176	-63.88	-68.98	5
80MW0002A	231817	848935	112.48	114.48	260	-142.52	-147.52	5
80MW0002B	231817	848935	112.48	114.49	175	-57.52	-62.52	5
80MW0004A	231778	846962	145.91	148.06	288	-137.14	-141.92	5
80MW0004B	231778	846962	145.91	148.07	247	-96.38	-101.15	5
80MW0006A	231328	845641	136.81	136.43	265	-122.56	-127.65	5
80MW0006B	231327	845641	136.81	136.43	225	-82.56	-87.65	5
80MW0008A	231006	843530	121.76	121.58	255	-127.63	-132.65	5
80MW0013A	232609	849666	111.23	110.71	275	-159.00	-163.81	5
80MW0014A	230985	841554	64.25	63.88	205	-134.90	-139.71	5
80MW0015A	230975	845688	116.87	116.49	275	-153.15	-157.87	5
80MW0015B	230971	845691	116.74	116.40	255	-133.18	-137.90	5
80MW0015C	230975	845687	116.87	116.48	185	-63.58	-67.77	4
81DP1010	234516	854006	101.00	N/A	N/A	N/A	N/A	N/A
81DP1011	233750	853537	107.00	N/A	N/A	N/A	N/A	N/A
81DP1012	233261	853171	78.00	N/A	N/A	N/A	N/A	N/A
81DP1013	231530	852291	100.00	N/A	N/A	N/A	N/A	N/A
81EW0001	233260	853135	76.18	70.35	222	-53.82	-140.82	87
81EW0002	231525	852261	101.93	94.95	255	-40.07	-148.07	108
81MW0003B	235694	854896	73.81	73.35	75	3.95	-1.05	5
81MW0005B	235230	854336	84.50	83.98	160	-70.00	-75.00	5
81MW0006A	234277	853357	109.98	109.62	246	-130.02	-135.02	5
81MW0007B	233990	854138	91.52	91.35	105	-7.58	-12.58	5

Table 2
Southwest Plumes Well Construction and Surface Water Sampling Information
Southwest Plumes 2011 Summary Letter Report

Location	Northing (ft)	Easting (ft)	Surface Elevation (ft msl)	Measuring Point Elevation (ft msl)	Total Well Depth (ft bgs)	Top Screen Elevation (ft msl)	Bottom Screen Elevation (ft msl)	Screen Length (ft)
81MW0011A	232371	852960	103.90	103.39	235	-125.99	-130.75	5
81MW0011B	232371	852960	103.90	103.41	155	-45.98	-50.74	5
81MW0013A	230153	851780	82.75	82.91	175	-87.10	-92.21	5
81MW0013B	230163	851780	83.46	83.21	245	-156.21	-161.34	5
81MW0017B	232083	853093	99.28	98.99	125	-21.04	-25.77	5
81MW0018A	230694	851633	67.76	67.51	224	-150.24	-155.24	5
81MW0018B	230694	851633	67.76	67.51	118	-44.24	-49.24	5
81MW0019A	229456	851248	79.39	79.18	237	-153.05	-157.56	5
81MW0019B	229456	851248	79.39	79.22	146	-62.10	-66.61	5
81MW0019C	229457	851248	79.39	79.20	75	9.23	4.39	5
82EW0001	233886	848295	121.17	115.12	342	-96.43	-215.43	119
82EW0002	233368	846826	128.83	122.68	300	-103.17	-166.17	63
82EW0003	232998	846776	126.37	120.22	309	-116.63	-180.63	64
82MW0007A	235009	850751	114.45	114.27	275	-155.78	-160.20	4
82MW0009A	234527	849967	101.39	100.97	315	-208.51	-213.51	5
82MW0010A	234465	849003	120.53	120.08	347	-221.44	-226.24	5
82MW0010B	234464	849003	120.53	120.06	246	-120.00	-124.70	5
82MW0012A	233393	847433	151.44	153.55	315	-158.56	-163.56	5
82MW0012B	233393	847432	151.44	153.59	255	-98.56	-103.56	5
82MW0013B	232693	848438	116.66	119.54	216	-93.34	-98.34	5
82MW0016A	232869	845856	130.98	130.28	255	-119.27	-124.02	5
82MW0016B	232869	845856	130.98	130.28	215	-78.59	-83.36	5
82MW0021A	232580	844773	106.00	105.50	258	-146.50	-151.50	5
82MW0021B	232580	844773	106.00	105.50	208	-96.50	-101.50	5
82MW0022A	237053	851796	122.85	122.50	140	-12.29	-17.29	5

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Key:
bgs = below ground surface
ft = feet
msl = mean sea level
N/A = not applicable

Table 3
CS-4 Groundwater Monitoring Results
Southwest Plumes 2011 Summary Letter Report

Location	Date	Laboratory Analyses				Water Quality Parameters					
		PCE (µg/L) MCL = 5	TCE (µg/L) MCL = 5	1,1,2,2-TeCA (µg/L) GW-1 = 2	EDB (µg/L) MMCL = 0.02	Temp (^{o}C)	pH (std)	DO (mg/L)	SpC (µS/cm)	ORP (mV)	Turbidity (NTU)
Extraction Well Results											
02EW0014	3/15/11	4.5	1.5	ND	ND	10.09	5.92	7.55	99	189.0	0.0
02EW0014	6/16/11	**5.4**	1.4	BRL	ND	11.02	5.89	10.19	100	195.2	0.0
02EW0014	9/21/11	**5.3**	1.8	BRL	ND	11.46	6.15	9.47	92	138.4	10.6
02EW0014	12/29/11	**5.4**	1.6	BRL	ND	9.48	5.97	7.98	104	142.6	98.8
02EW0015	3/15/11	3.1	BRL	ND	ND	10.22	5.72	8.28	103	207.9	0.0
02EW0015	6/16/11	4	BRL	BRL	ND	11.31	5.87	10.73	104	200.3	0.0
02EW0015	9/21/11	3.5	BRL	BRL	ND	11.83	6.05	9.84	95	152.9	0.2
02EW0015	12/29/11	4.2	BRL	BRL	ND	9.12	6.25	6.14	103	169.0	19.3
Monitoring Well Results											
02MW1205C	4/20/11	**7.9**	1.8	BRL	NS	13.58	5.96	9.78	128	246.9	0.2
02MW1253	4/4/11	**20**	4.8	**2.8**	NS	--	--	--	--	--	--
02MW1254	4/4/11	4.1	BRL	ND	NS	--	--	--	--	--	--
02MW1259A	4/4/11	BRL	ND	ND	NS	--	--	--	--	--	--
02MW1259B	4/4/11	**23**	**5.2**	ND	NS	--	--	--	--	--	--
02MW2000B	4/4/11	**5.5**	BRL	ND	NS	--	--	--	--	--	--
02OW0015C	4/4/11	3.2	BRL	ND	NS	--	--	--	--	--	--
02OW0016D	4/4/11	**12**	2.2	ND	NS	--	--	--	--	--	--
69MW1262	4/4/11	**18**	3.3	ND	NS	--	--	--	--	--	--
69MW1265	4/20/11	**8.2**	2	BRL	NS	12.78	6.22	5.62	92	220.3	2.7
69MW1267	4/20/11	ND	ND	ND	NS	12.70	5.95	11.74	61	235.5	6.9
69MW1281	4/11/11	**17**	3.4	BRL	NS	--	--	--	--	--	--
69MW1282	4/4/11	4.9	1.6	ND	NS	--	--	--	--	--	--

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

Notes:
BOLD values indicate an MCL or GW-1 standard exceedance.
--: Sample collected through use of passive diffusion bag sampler; water quality parameter collection not performed.

Key:

BRL = below the reporting limit
^{o}C = degrees Celsius
CS-4 = Chemical Spill-4
DO = dissolved oxygen
EDB = ethylene dibromide
EPA = U.S. Environmental Protection Agency
GW-1 = MCP Method 1 Groundwater-1 standard
MCL = Maximum Contaminant Level
MCP = Massachusetts Contingency Plan
MMCL = Massachusetts MCL
mg/L = milligrams per liter
mV = millivolts
ND = not detected
NS = not sampled
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
PCE = tetrachloroethene
SpC = specific conductance
std = standard units
TCE = trichloroethene
TeCA = tetrachloroethane
Temp = temperature
VOC = volatile organic compound
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 4
CS-20 Groundwater and Surface Water Monitoring Results
Southwest Plumes 2011 Summary Letter Report

Location	Date	Laboratory Analyses		Water Quality Parameters					
		PCE (µg/L) MCL = 5	EDB[1] (µg/L) MMCL = 0.02	Temp (^{o}C)	pH (std)	DO (mg/L)	SpC (µS/cm)	ORP (mV)	Turbidity (NTU)
Extraction Well Results									
81EW0001	3/15/11	1.7	NS	9.99	6.04	7.89	102	184.6	0
81EW0001	6/16/11	2	NS	11.51	6.16	11.52	103	189.5	0
81EW0001	8/24/11	ND	NS	14.19	5.63	7.85	79	139.7	4.3
81EW0001	9/7/11	1.6	NS	NM[2]	NM[2]	NM[2]	NM[2]	NM[2]	NM[2]
81EW0001	9/14/11	1.4	NS	NM[2]	NM[2]	NM[2]	NM[2]	NM[2]	NM[2]
81EW0001	9/21/11	1.4	NS	12.04	6.23	9.28	91	170.7	9.7
81EW0001	10/12/11	1.6	NS	12.85	5.72	5.46	85	143.3	35.4
81EW0001	10/19/11	2.2	NS	12.05	6.05	13.86	102	166.7	0.7
81EW0001	10/26/11	2	NS	10.34	6.06	8.08	128	184	0.6
81EW0001	11/22/11	1.9	NS	10.82	6.27	8.03	103	184.8	0.4
81EW0001	12/29/11	2.2	NS	9.49	6.00	7.30	111	185.3	18.3
81EW0002	3/15/11	**8.7**	NS	10.54	6.35	4.55	120	144.7	0
81EW0002	6/16/11	4.8	NS	12.33	6.17	9.14	100	170.3	1.1
81EW0002	9/21/11	4.3	NS	12.28	6.06	9.68	92	154.4	1.5
81EW0002	12/29/11	4	NS	9.53	6.42	6.83	104	141.1	22.7
Monitoring Well Results									
69MW1507	3/2/11	BRL	NS	--	--	--	--	--	--
69MW1517A	3/24/11	2.2	NS	--	--	--	--	--	--
69MW1517B	3/24/11	ND	NS	--	--	--	--	--	--
81MW0003B	3/24/11	**19**	NS	--	--	--	--	--	--
81MW0005B	4/11/11	**13**	NS	--	--	--	--	--	--
81MW0006A	3/24/11	BRL	NS	--	--	--	--	--	--
81MW0007B	4/11/11	BRL	NS	--	--	--	--	--	--
81MW0011A	3/24/11	**7.2**	NS	--	--	--	--	--	--
81MW0011B	3/24/11	**14**	NS	--	--	--	--	--	--
81MW0013A	3/2/11	**17**	NS	--	--	--	--	--	--
81MW0013A	9/22/11	**15**	NS	--	--	--	--	--	--
81MW0013B	3/2/11	**24**	NS	--	--	--	--	--	--
81MW0013B	9/22/11	**31**	NS	--	--	--	--	--	--
81MW0017B	4/11/11	3.1	NS	--	--	--	--	--	--
81MW0018A	3/2/11	3.3	NS	--	--	--	--	--	--
81MW0018B	3/2/11	**8.7**	NS	--	--	--	--	--	--
81MW0018B	9/22/11	2.6	NS	--	--	--	--	--	--
81MW0019A	3/2/11	ND	NS	--	--	--	--	--	--
81MW0019A	9/22/11	ND	NS	--	--	--	--	--	--
81MW0019B	3/2/11	ND	NS	--	--	--	--	--	--
81MW0019C	3/2/11	ND	NS	--	--	--	--	--	--
81MW0019C	9/22/11	ND	NS	--	--	--	--	--	--
Surface Water Results[3,4]									
69SWDP01	4/27/11	ND	ND	15.23	7.1	11.27	79	170.5	0

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

Notes:
[1] EDB is not a contaminant of concern for CS-20, but was analyzed for at the surface water sample location as part of the Recreational Beach Monitoring Program.
[2] Water quality parameters not collected during flow test
[3] Surface water samples collected from Deep Pond under the recreational beach monitoring program.
[4] MassDEP ambient water quality criteria surface water standard for PCE = 1,100 µg/L; EDB = 9,600 µg/L; from 310 CMR 40.1516(1) at MassDEP web page http://www.mass.gov/dep/cleanup/laws/nrs07.pdf.
BOLD values indicate an MCL exceedance.
--: Sample collected through use of passive diffusion bag sampler; water quality parameter collection not performed.

Key:

BRL = below the reporting limit
^{o}C = degrees Celsius
CS-20 = Chemical Spill-20
DO = dissolved oxygen
EDB = ethylene dibromide
EPA = U.S. Environmental Protection Agency
MCL = Maximum Contaminant Level
MMCL = Massachusetts MCL
mg/L = milligrams per liter
mV = millivolts
ND = not detected
NM = not measured
NS = not sampled
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
PCE = tetrachloroethene
SpC = specific conductance
std = standard units
Temp = temperature
VOC = volatile organic compound
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 5
CS-21 Groundwater Monitoring Results
Southwest Plumes 2011 Summary Letter Report

Location	Date	Laboratory Analyses	Water Quality Parameters					
		TCE (µg/L) MCL = 5	Temp (^{o}C)	pH (std)	DO (mg/L)	SpC (µS/cm)	ORP (mV)	Turbidity (NTU)
Extraction Well Results								
82EW0001	3/15/2011	**7.7**	10.09	6.17	8.38	116	183	0
82EW0001	6/16/2011	**8.3**	11.02	6.3	10.26	117	188.6	0
82EW0001	9/21/2011	**7.9**	11.86	6.53	10.28	109	135.8	6.4
82EW0001	12/29/2011	**7.1**	9.65	6.07	7.45	121	167.8	18
82EW0002	3/15/2011	4	9.92	6.41	6.51	167	147.1	0
82EW0002	6/16/2011	3.9	11.2	6.4	7.85	172	139.3	0
82EW0002	9/21/2011	3.5	11.79	6.13	7.93	162	145.2	3.6
82EW0002	12/29/2011	3.2	9.34	6.14	6.68	170	173.6	18.7
82EW0003	3/15/2011	1.2	10.03	6.38	7.04	183	125.6	0
82EW0003	6/16/2011	BRL	12.44	6.36	8.31	180	132.6	0
82EW0003	9/21/2011	1.1	11.99	6.31	8.98	171	173	1.5
82EW0003	12/29/2011	BRL	9.57	6.19	6.99	184	132.6	19.1
Monitoring Well Results								
69MW1506B	4/21/2011	**73**	14.88	6.18	1.32	148	125	0
69MW1514A	4/1/2011	**24**	--	--	--	--	--	--
69MW1514B	4/8/2011	**5.4**	12.85	6.78	4.37	151	-10.3	1.2
69MW1534A	3/31/2011	**12**	--	--	--	--	--	--
69MW1603A	3/25/2011	ND	--	--	--	--	--	--
82MW0007A	4/18/2011	**31**	--	--	--	--	--	--
82MW0009A	4/18/2011	**25**	--	--	--	--	--	--
82MW0010A	3/25/2011	**51**	--	--	--	--	--	--
82MW0010B	3/25/2011	**19**	--	--	--	--	--	--
82MW0012A	3/25/2011	**31**	--	--	--	--	--	--
82MW0012B	3/25/2011	**7.7**	--	--	--	--	--	--
82MW0016A	4/8/2011	ND	12.99	6.23	4.57	161	114.2	0
82MW0016B	4/8/2011	ND	--	--	--	--	--	--
82MW0021A	4/1/2011	4.6	--	--	--	--	--	--
82MW0021A	9/7/2011	2.6	--	--	--	--	--	--
82MW0021B	4/1/2011	ND	--	--	--	--	--	--
82MW0021B	9/22/2011	ND	--	--	--	--	--	--
82MW0022A	4/18/2011	BRL	--	--	--	--	--	--
Irrigation Well Results[1]								
69IG0015	4/29/2011	BRL	12.24	7.37	8.6	106	183.1	12.6
69IG0016	4/29/2011	BRL	11.53	7.23	9.35	106	181.4	12.1

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

Notes:

BOLD values indicate an MCL exceedance.

--: Sample collected through use of passive diffusion bag sampler; water quality parameter collection not performed.

[1] Used to monitor golf course irrigation wells under the Land Use Control Program and the data is provided to the golf course manage

Key:

BRL = below the reporting limit
^{o}C = degrees Celsius
CS-21 = Chemical Spill-21
DO = dissolved oxygen
EPA = U.S. Environmental Protection Agency
MCL = Maximum Contaminant Level
mg/L = milligrams per liter
mV = millivolts
ND = not detected
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
SpC = specific conductance
std = standard units
TCE = trichloroethene
Temp = temperature
VOC = volatile organic compound
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 6
FS-29 Groundwater Monitoring Results
Southwest Plumes 2011 Summary Letter Report

Location	Date	Laboratory Analyses		Water Quality Parameters					
		EDB (µg/L) MMCL = 0.02	CCl_4 (µg/L) MCL = 5	Temp (^oC)	pH (std)	DO (mg/L)	SpC (µS/cm)	ORP (mV)	Turbidity (NTU)
Monitoring Well Results									
69MW1536A	3/31/2011	ND	NS	--	--	--	--	--	--
69MW1536B	3/31/2011	ND	NS	--	--	--	--	--	--
69MW1542	4/1/2011	0.014	1.9	--	--	--	--	--	--
69MW1542	9/7/2011	BRL	1.3	--	--	--	--	--	--
69MW1543	4/1/2011	ND	4.5	--	--	--	--	--	--
69MW1545A	4/1/2011	ND	NS	--	--	--	--	--	--
80MW0001A	4/11/2011	ND	NS	--	--	--	--	--	--
80MW0001B	4/11/2011	0.012	NS	--	--	--	--	--	--
80MW0002A	3/31/2011	ND	NS	--	--	--	--	--	--
80MW0002B	3/31/2011	0.016	NS	--	--	--	--	--	--
80MW0004A	4/8/2011	BRL	3.3	--	--	--	--	--	--
80MW0004B	4/8/2011	BRL	NS	--	--	--	--	--	--
80MW0006A	4/1/2011	ND	NS	--	--	--	--	--	--
80MW0006A	9/22/2011	ND	NS	--	--	--	--	--	--
80MW0006B	4/1/2011	ND	NS	--	--	--	--	--	--
80MW0006B	9/7/2011	ND	NS	--	--	--	--	--	--
80MW0008A	4/21/2011	ND	NS	--	--	--	--	--	--
80MW0013A	3/31/2011	0.011	NS	--	--	--	--	--	--
80MW0014A	3/31/2011	ND	NS	--	--	--	--	--	--
80MW0015A	4/1/2011	ND	**6.4**	--	--	--	--	--	--
80MW0015A	5/11/2011	NS	**5.5**	--	--	--	--	--	--
80MW0015A	9/7/2011	ND	**5.2**	--	--	--	--	--	--
80MW0015B	4/1/2011	ND	**5.8**	--	--	--	--	--	--
80MW0015B	5/11/2011	NS	4.7	--	--	--	--	--	--
80MW0015B	9/7/2011	BRL	4.7	--	--	--	--	--	--
80MW0015C	4/1/2011	ND	NS	--	--	--	--	--	--
80MW0015C	9/7/2011	ND	NS	--	--	--	--	--	--
82MW0013B	3/31/2011	ND	NS	--	--	--	--	--	--
Irrigation Well Results[1]									
69IG0018	4/29/2011	ND	ND	12.32	6.24	11.1	122	179.4	14.9

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

Notes:

BOLD values indicate an MCL or MMCL exceedance.

--: Sample collected through use of passive diffusion bag sampler; water quality parameter collection not performed.

[1] Used to monitor golf course irrigation wells under the Land Use Control Program and the data is provided to the golf course manager.

Key:

BRL = below the reporting limit
^oC = degrees Celsius
CCl_4 = carbon tetrachloride
DO = dissolved oxygen
EDB = ethylene dibromide
EPA = U.S. Environmental Protection Agency
FS-29 = Fuel Spill-29
MCL = Maximum Contaminant Level
MMCL = Massachusetts MCL
mg/L = milligrams per liter
mV = millivolts
ND = not detected
NS = not sampled
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
SpC = specific conductance
std = standard units
Temp = temperature
VOC = volatile organic compound
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 7
Southwest Plumes Meeting Presentations
Southwest Plumes 2011 Summary Letter Report

Technical Update Meetings

16 March 2011	Southwest Plumes 2010 Semiannual SPEIM Data Presentation Follow Up
13 July 2011	Southwest Plumes 2011 Annual Data Presentation
29 September 2011	Southwest Plumes 2011 Annual SPEIM Data Presentation Follow Up
17 November 2011	Southwest Plumes 2011 Semiannual SPEIM Data Presentation
17 November 2011	CS-21 Remedial System Optimization Results

MMR Cleanup Team (MMRCT)

11 May 2011	CS-20 Leading Edge Plume Update

SMB Meetings

No Presentations

Conferences

No Presentations

Table 8
Hunter Avenue Treatment Facility Sampling Results
Southwest Plumes 2011 Summary Letter Report

Month of Event	Sample Date	Loc ID	Sample Location	Laboratory Analyses					Water Quality Parameters					
				PCE (µg/L) MCL = 5	TCE (µg/L) MCL = 5	CCl_4 (µg/L) MCL = 5	1,1,2,2-TeCA (µg/L) GW-1 = 2	EDB (µg/L) MMCL = 0.02	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turbidity (NTU)
February	26-Jan-11	85PLT01001	CS-21 Influent	ND	4.9	ND	ND	ND	--	--	--	--	--	--
	26-Jan-11	85PLT01102	GAC1100B lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	26-Jan-11	85PLT01202	GAC1200B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	26-Jan-11	85PLT01302	GAC1300B lead	ND	1.1	ND	ND	ND	--	--	--	--	--	--
	26-Jan-11	85PLT01002	CS-4/CS-20 Influent	3.1	BRL	ND	ND	ND	--	--	--	--	--	--
	26-Jan-11	85PLT02201	GAC2200A lead	BRL	BRL	ND	ND	ND	--	--	--	--	--	--
	26-Jan-11	85PLT02301	GAC2300A lead	BRL	BRL	ND	ND	ND	--	--	--	--	--	--
	26-Jan-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	ND	ND	ND	ND	--	--	--	--	--	--
Carbon exchange was performed on CF1300B on 24 February 2011. Following carbon exchange CF1300B was placed in the lag position and CF1300A was placed in the lead position.														
March	25-Feb-11	85PLT01001	CS-21 Influent	ND	**5.1**	ND	ND	ND	--	--	--	--	--	--
	25-Feb-11	85PLT01102	GAC1100B lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	25-Feb-11	85PLT01202	GAC1200B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	25-Feb-11	85PLT01301	GAC1300A lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	25-Feb-11	85PLT01002	CS-4/CS-20 Influent	4.4	1.3	ND	ND	ND	--	--	--	--	--	--
	25-Feb-11	85PLT02201	GAC2200A lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	25-Feb-11	85PLT02301	GAC2300A lead	BRL	BRL	ND	ND	ND	--	--	--	--	--	--
	25-Feb-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	ND	ND	ND	ND	--	--	--	--	--	--
April	25-Mar-11	85PLT01001	CS-21 Influent	ND	4.7	ND	ND	ND	--	--	--	--	--	--
	25-Mar-11	85PLT01102	GAC1100B lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	25-Mar-11	85PLT01202	GAC1200B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	25-Mar-11	85PLT01301	GAC1300A lead	ND	ND	ND	ND	ND						
	25-Mar-11	85PLT01002	CS-4/CS-20 Influent	2.2	BRL	ND	ND	ND	--	--	--	--	--	--
	25-Mar-11	85PLT02201	GAC2200A lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	25-Mar-11	85PLT02301	GAC2300A lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	25-Mar-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	ND	ND	ND	ND	--	--	--	--	--	--
May	26-Apr-11	85PLT01001	CS-21 Influent	ND	4.5	ND	ND	ND	--	--	--	--	--	--
	26-Apr-11	85PLT01102	GAC1100B lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	26-Apr-11	85PLT01202	GAC1200B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	26-Apr-11	85PLT01301	GAC1300A lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	26-Apr-11	85PLT01002	CS-4/CS-20 Influent	3.3	BRL	ND	ND	ND	--	--	--	--	--	--
	26-Apr-11	85PLT02201	GAC2200A lead	BRL	BRL	ND	ND	ND	--	--	--	--	--	--
	26-Apr-11	85PLT02301	GAC2300A lead	BRL	BRL	ND	ND	ND	--	--	--	--	--	--
	26-Apr-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	ND	ND	ND	ND	--	--	--	--	--	--

Table 8
Hunter Avenue Treatment Facility Sampling Results
Southwest Plumes 2011 Summary Letter Report

Month of Event	Sample Date	Loc ID	Sample Location	Laboratory Analyses					Water Quality Parameters					
				PCE (µg/L) MCL = 5	TCE (µg/L) MCL = 5	CCl_4 (µg/L) MCL = 5	1,1,2,2-TeCA (µg/L) GW-1 = 2	EDB (µg/L) MMCL = 0.02	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turbidity (NTU)
June	25-May-11	85PLT01001	CS-21 Influent	ND	4.5	ND	ND	ND	10.31	147	8.12	6.18	166	0.0
	25-May-11	85PLT01102	GAC1100B lead	ND	BRL	ND	ND	ND	10.30	147	7.44	6.22	230	0.0
	25-May-11	85PLT01202	GAC1200B lead	ND	ND	ND	ND	ND	10.30	147	7.47	6.22	227	0.0
	25-May-11	85PLT01301	GAC1300A lead	ND	BRL	ND	ND	ND	10.30	147	7.44	6.20	217	0.0
	25-May-11	85PLT01002	CS-4/CS-20 Influent	3.2	BRL	ND	ND	ND	10.28	101	8.24	6.09	193	0.0
	25-May-11	85PLT02201	GAC2200A lead	BRL	BRL	ND	ND	ND	10.28	99	7.69	6.02	246	0.0
	25-May-11	85PLT02301	GAC2300A lead	BRL	BRL	ND	ND	ND	10.28	99	7.78	6.04	228	0.1
	25-May-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	ND	ND	ND	ND	10.30	125	6.88	6.08	219	0.2
July	27-Jun-11	85PLT01001	CS-21 Influent	ND	4.6	ND	ND	ND	--	--	--	--	--	--
	27-Jun-11	85PLT01102	GAC1100B lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	27-Jun-11	85PLT01202	GAC1200B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	27-Jun-11	85PLT01301	GAC1300A lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	27-Jun-11	85PLT01002	CS-4/CS-20 Influent	3.1	BRL	ND	ND	ND	--	--	--	--	--	--
	27-Jun-11	85PLT02201	GAC2200A lead	BRL	BRL	ND	ND	ND	--	--	--	--	--	--
	27-Jun-11	85PLT02301	GAC2300A lead	1.2	BRL	ND	ND	ND	--	--	--	--	--	--
	27-Jun-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	ND	ND	ND	ND	--	--	--	--	--	--
Carbon exchange was performed on CF2300A on 28 July 2011. Following carbon exchange CF2300A was placed in the lag position and CF2300B was placed in the lead position.														
August	29-Jul-11	85PLT01001	CS-21 Influent	ND	**5.0**	ND	ND	ND	--	--	--	--	--	--
	29-Jul-11	85PLT01102	GAC1100B lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	29-Jul-11	85PLT01202	GAC1200B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	29-Jul-11	85PLT01301	GAC1300A lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	29-Jul-11	85PLT01002	CS-4/CS-20 Influent	4.2	BRL	ND	ND	ND	--	--	--	--	--	--
	29-Jul-11	85PLT02201	GAC2200A lead	1.5	BRL	ND	ND	ND	--	--	--	--	--	--
	29-Jul-11	85PLT02302	GAC2300B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	29-Jul-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	ND	ND	ND	ND	--	--	--	--	--	--
Carbon exchange was performed on CF2200A on 26 August 2011. Following carbon exchange CF2200A was placed in the lag position and CF2300A was placed in the lead position.														
September	29-Aug-11	85PLT01001	CS-21 Influent	ND	4.3	ND	ND	ND	--	--	--	--	--	--
	29-Aug-11	85PLT01102	GAC1100B lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	29-Aug-11	85PLT01202	GAC1200B lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	29-Aug-11	85PLT01301	GAC1300A lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	29-Aug-11	85PLT01002	CS-4/CS-20 Influent	3.9	BRL	ND	ND	ND	--	--	--	--	--	--
	29-Aug-11	85PLT02202	GAC2200B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	29-Aug-11	85PLT02302	GAC2300B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	29-Aug-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	ND	ND	ND	ND	--	--	--	--	--	--
October	27-Sep-11	85PLT01001	CS-21 Influent	ND	4.8	ND	ND	ND	--	--	--	--	--	--
	27-Sep-11	85PLT01102	GAC1100B lead	ND	1.3	ND	ND	ND	--	--	--	--	--	--
	27-Sep-11	85PLT01202	GAC1200B lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	27-Sep-11	85PLT01301	GAC1300A lead	ND	1.9	ND	ND	ND	--	--	--	--	--	--
	27-Sep-11	85PLT01002	CS-4/CS-20 Influent	4.0	BRL	ND	ND	ND	--	--	--	--	--	--
	27-Sep-11	85PLT02202	GAC2200B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	27-Sep-11	85PLT02302	GAC2300B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	27-Sep-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	BRL	ND	ND	ND	--	--	--	--	--	--

Table 8
Hunter Avenue Treatment Facility Sampling Results
Southwest Plumes 2011 Summary Letter Report

Month of Event	Sample Date	Loc ID	Sample Location	Laboratory Analyses					Water Quality Parameters					
				PCE (µg/L) MCL = 5	TCE (µg/L) MCL = 5	CCl_4 (µg/L) MCL = 5	1,1,2,2-TeCA (µg/L) GW-1 = 2	EDB (µg/L) MMCL = 0.02	Temp (°C)	SpC (µS/cm)	DO (mg/L)	pH (std)	ORP (mV)	Turbidity (NTU)
Carbon exchange was performed on CF1300A on 21 October 2011. Following carbon exchange CF3100B was placed in the lead position and CF1300A was placed in the lag position.														
Carbon exchange was performed on CF1100B on 26 October 2011. Following carbon exchange CF1100A was placed in the lead position and CF1100B was placed in the lag position.														
November	27-Oct-11	85PLT01001	CS-21 Influent	ND	4.3	ND	ND	ND	--	--	--	--	--	--
	27-Oct-11	85PLT01101	GAC1100A lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	27-Oct-11	85PLT01202	GAC1200B lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	27-Oct-11	85PLT01302	GAC1300B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	27-Oct-11	85PLT01002	CS-4/CS-20 Influent	3.5	BRL	ND	ND	ND	--	--	--	--	--	--
	27-Oct-11	85PLT02202	GAC2200B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	27-Oct-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	ND	ND	ND	ND	--	--	--	--	--	--
December	28-Nov-11	85PLT01001	CS-21 Influent	ND	4.2	ND	ND	ND	10.44	140	13.23	6.27	177	0.0
	28-Nov-11	85PLT01101	GAC1100A lead	ND	BRL	ND	ND	ND	NM[1]	NM[1]	NM[1]	NM[1]	NM[1]	NM[1]
	28-Nov-11	85PLT01202	GAC1200B lead	ND	1.1	ND	ND	ND	NM[1]	NM[1]	NM[1]	NM[1]	NM[1]	NM[1]
	28-Nov-11	85PLT01302	GAC1300B lead	ND	BRL	ND	ND	ND	NM[1]	NM[1]	NM[1]	NM[1]	NM[1]	NM[1]
	28-Nov-11	85PLT01002	CS-4/CS-20 Influent	3.1	BRL	ND	ND	ND	10.35	96	13.10	6.14	183	0.10
	28-Nov-11	85PLT02202	GAC2200B lead	ND	ND	ND	ND	ND	NM[1]	NM[1]	NM[1]	NM[1]	NM[1]	NM[1]
	28-Nov-11	85PLT02302	GAC2300B lead	ND	ND	ND	ND	ND	NM[1]	NM[1]	NM[1]	NM[1]	NM[1]	NM[1]
	28-Nov-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	BRL	ND	ND	ND	10.40	122	11.40	6.16	189	0.0
Carbon exchange was performed on CF1200B on 13 December 2011. Following carbon exchange CF1200A was placed in the lead position and CF1200B was placed in the lag position.														
January	28-Dec-11	85PLT01001	CS-21 Influent	ND	4.3	ND	ND	ND	--	--	--	--	--	--
	28-Dec-11	85PLT01101	GAC1100A lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	28-Dec-11	85PLT01201	GAC1200A lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	28-Dec-11	85PLT01302	GAC1300B lead	ND	BRL	ND	ND	ND	--	--	--	--	--	--
	28-Dec-11	85PLT01002	CS-4/CS-20 Influent	3.4	BRL	ND	ND	ND	--	--	--	--	--	--
	28-Dec-11	85PLT02202	GAC2200B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	28-Dec-11	85PLT02302	GAC2300B lead	ND	ND	ND	ND	ND	--	--	--	--	--	--
	28-Dec-11	85PLT01003	Combined Effluent (CS-4/CS-20 & CS-21)	ND	BRL	ND	ND	ND	--	--	--	--	--	--

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

Notes:

BOLD values indicate an MCL exceedance.

NM[1] = water quality parameter collection at the midpoint sample port was omitted.

Water quality parameters (pH, temperature, DO, SpC, turbidity, and ORP) are measured semiannually at influent, post-GAC at each active GAC vessel, and plant effluent sampling locations. The measurements are taken using a flow-through cell and the Yellow Springs Instrument (YSI).

--: Water quality parameters were not collected.

Key:

BRL = below reporting limit
°C = degrees Celsius
CCl_4 = carbon tetrachloride
DO = dissolved oxygen
EDB = ethylene dibromide
GAC = granular activated carbon
GW-1 = MCP Method 1 Groundwater-1 standard
mg/L = milligrams per liter
MCL = Maximum Contaminant Level
MCP = Massachusetts Contingency Plan
MMCL = Massachusetts MCL
mV = millivolts
ND = not detected
NM = not measured
NTU = nephelometric turbidity units
ORP = oxidation-reduction potential
PCE = tetrachloroethene
SpC = specific conductance
Std = standard units
Temp = temperature
TCE = trichloroethene
TeCA = tetrachloroethane
µg/L = micrograms per liter
µS/cm = microsiemens per centimeter

Table 9
CS-4 and CS-20 Flow Rates
Southwest Plumes 2011 Summary Letter Report

Week Ending	CS-4 Weekly Average Flow Rates (gpm)		CS-20 Weekly Average Flow Rates (gpm)		CS-4/CS-20 Influent Flow Rates (gpm)
	02EW0014	02EW0015	81EW0001	81EW0002	85PLT01002
5-Jan-11	85	85	400	0	570
12-Jan-11	79	82	385	0	546
19-Jan-11	85	71	400	2	559
26-Jan-11	79	80	378	48	652
2-Feb-11	83	83	392	44	664
9-Feb-11	85	82	370	47	649
16-Feb-11	85	85	398	42	666
23-Feb-11	78	78	272	0	428
2-Mar-11	85	85	0	0	170
9-Mar-11	80	85	0	11	191
16-Mar-11	84	84	371	43	642
23-Mar-11	85	85	381	97	780
30-Mar-11	85	79	393	28	625
6-Apr-11	79	77	361	71	601
13-Apr-11	85	85	388	117	675
20-Apr-11	85	85	387	89	647
27-Apr-11	85	55	261	124	525
4-May-11	85	82	379	115	660
11-May-11	85	82	384	122	673
18-May-11	85	85	386	116	671
25-May-11	85	85	384	123	677
1-Jun-11	82	85	387	92	645
8-Jun-11	74	74	188	144	479
15-Jun-11	85	85	373	286	829
22-Jun-11	83	83	361	339	866
29-Jun-11	85	85	400	349	918
6-Jul-11	85	82	319	349	835
13-Jul-11	84	83	359	340	752
20-Jul-11	80	73	400	349	901
27-Jul-11	48	55	259	198	560
3-Aug-11	85	84	341	332	842
10-Aug-11	77	84	394	349	904
17-Aug-11	79	79	372	325	855
24-Aug-11	80	80	7	329	496
31-Aug-11	47	47	29	193	308
7-Sep-11	85	85	57	349	523
14-Sep-11	84	85	100	349	577
21-Sep-11	85	85	171	349	719
28-Sep-11	85	85	0	336	632
5-Oct-11	73	73	0	301	447
12-Oct-11	84	84	7	283	457
19-Oct-11	49	56	57	299	461
26-Oct-11	82	82	114	349	627
2-Nov-11	85	82	57	347	572
9-Nov-11	85	85	0	349	519
16-Nov-11	85	85	41	336	546
23-Nov-11	82	85	200	349	716
30-Nov-11	85	71	200	349	704
7-Dec-11	49	85	189	349	672

Table 9
CS-4 and CS-20 Flow Rates
Southwest Plumes 2011 Summary Letter Report

Week Ending	CS-4 Weekly Average Flow Rates (gpm)		CS-20 Weekly Average Flow Rates (gpm)		CS-4/CS-20 Influent Flow Rates (gpm)
	02EW0014	02EW0015	81EW0001	81EW0002	85PLT01002
14-Dec-11	76	76	179	312	643
21-Dec-11	83	80	180	343	685
28-Dec-11	76	73	150	313	613
Average Flow Rate (gpm)	**80**	**79**	**249**	**209**	**626**
Optimized Design Flow Rate (gpm) (2010 Scenario 02)	**85**	**85**	**400**	**349**	**919**
Percent of Optimized Design Rate	**94**	**93**	**62[1]**	**60[1]**	**68**

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

Notes:

Any downtime due to routine and non-routine operations and maintenance activities is included in the average flow rates.

[1] Downtime due to communication failures, VFD faults, a bad motor, and for flow testing.

Key:

CS-4 = Chemical Spill-4

CS-20 = Chemical Spill-20

gpm = gallons per minute

N/A = not applicable

VFD = variable frequency drives

Table 10
CS-21 Flow Rates
Southwest Plumes 2011 Summary Letter Report

Week Ending	CS-21 Weekly Average Flow Rates (gpm)			CS-21 Influent Flow Rates (gpm)
	82EW0001	82EW0002	82EW0003	85PLT01001
5-Jan-11	500	272	274	1046
12-Jan-11	481	267	267	1015
19-Jan-11	500	252	78	830
26-Jan-11	473	257	274	1003
2-Feb-11	490	268	274	1032
9-Feb-11	500	274	259	1048
16-Feb-11	438	272	274	984
23-Feb-11	431	234	236	900
2-Mar-11	254	272	272	797
9-Mar-11	405	266	273	944
16-Mar-11	389	263	272	924
23-Mar-11	501	274	274	1048
30-Mar-11	496	274	274	1044
6-Apr-11	341	254	254	850
13-Apr-11	448	274	274	996
20-Apr-11	464	274	272	1010
27-Apr-11	343	274	273	890
4-May-11	438	261	274	973
11-May-11	480	274	274	1027
18-May-11	291	273	268	832
25-May-11	500	274	274	1048
1-Jun-11	498	273	273	1044
8-Jun-11	423	237	237	897
15-Jun-11	324	274	270	868
22-Jun-11	491	248	248	986
29-Jun-11	499	274	274	1047
6-Jul-11	377	219	219	814
13-Jul-11	349	268	268	820
20-Jul-11	499	274	274	970
27-Jul-11	324	177	177	678
3-Aug-11	499	266	274	1039
10-Aug-11	487	270	270	1027
17-Aug-11	487	263	269	1020
24-Aug-11	446	245	244	935
31-Aug-11	281	154	154	589
7-Sep-11	456	274	274	1004
14-Sep-11	499	274	274	1046
21-Sep-11	500	274	274	1048
28-Sep-11	486	274	274	1034
5-Oct-11	431	236	236	904
12-Oct-11	492	270	270	1031
19-Oct-11	329	172	174	676
26-Oct-11	500	261	261	1025
2-Nov-11	500	274	274	1048
9-Nov-11	500	274	274	1048
16-Nov-11	493	274	274	1041
23-Nov-11	478	274	274	1026
30-Nov-11	499	274	274	1047

Table 10
CS-21 Flow Rates
Southwest Plumes 2011 Summary Letter Report

Week Ending	CS-21 Weekly Average Flow Rates (gpm)			CS-21 Influent Flow Rates (gpm)
	82EW0001	82EW0002	82EW0003	85PLT01001
7-Dec-11	499	274	274	1047
14-Dec-11	408	245	245	898
21-Dec-11	491	260	269	1020
28-Dec-11	449	246	246	941
Average Flow Rate (gpm)	**445**	**259**	**257**	**959**
Optimized Design Flow Rate (gpm) (2010 Scenario 02)	**500**	**274**	**274**	**1048**
Percent of Optimized Design Rate	**89**	**95**	**94**	**91**

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

Notes:

Any downtime due to routine and non-routine operations and maintenance activities is included in the average flow rates.

CS-21 flow rates were optimized on 03 February 2012; flow was reduced at 82EW0002 and 82EW0003 to 100 gpm each.

Key:

CS-21 = Chemical Spill-21

gpm = gallons per minute

Table 11
Hunter Avenue Treatment Facility Downtime Summary
Southwest Plumes 2011 Summary Letter Report

Date	Hours Off-Line	Reason
1/12/2011	8.75	82EW0002 and 82EW003 VFD faults
1/12/2011	4.05	HATF off due to PLC alarm
1/13/2011	10.00	82EW0002 communication failure
1/15/2011	2.20	82EW0002 communications failure
1/18/2011	2.97	82EW0002 communications failure
1/21/2011	14.98	81EW0002 communications failure
1/25/2011	9.00	HATF off due to a high sump level
1/27/2011	17.08	81EW0002 communications failure
1/31/2011	9.25	HATF off due to a high sump level
2/4/2011	14.97	81EW0002 communications failure
2/5/2011	8.15	82EW0003 communications failure
2/7/2011	12.37	81EW0001 VFD fault
2/8/2011	14.33	81EW0002 communications failure
2/8/2011	3.65	81EW0001 VFD fault
2/9/2011	6.68	02EW0015 communications failure
2/10/2011	16.23	81EW0002 communications failure
2/10/2011	19.90	82EW0001 communications failure
2/21/2011	14.42	HATF off due to a high sump level
2/24/2011	8.21	81EW0002 communications failure
2/24/2011	31.43	82EW0001 VFD fault
2/25/2011	8.75	82EW0001 VFD fault
2/26/2011	54.80	82EW0001 VFD fault
3/1/2011	4.95	82EW0001 VFD fault
3/1/2011	20.00	82EW0001 off for upgrade and software download
3/2/2011	225.33	81EW0001 off to install new modules and PLC
3/2/2011	9.85	81EW0002 communications failure
3/2/2011	13.17	82EW0001 VFD fault
3/3/2011	2.15	82EW0002 communications failure
3/4/2011	4.17	02EW0015 VFD fault
3/4/2011	4.17	02EW0016 VFD fault
3/6/2011	3.90	02EW0015 communications failure
3/7/2011	8.33	82EW0001 VFD fault
3/10/2011	14.88	81EW0001 VFD fault
3/13/2011	29.58	82EW0001 VFD fault
3/16/2011	4.75	82EW0001 VFD fault
3/24/2011	95.17	81EW0002 VFD fault
3/27/2011	2.05	81EW0002 VFD fault
3/29/2011	11.97	02EW0015 communications failure
4/2/2011	4.75	02EW0015 communications failure
4/14/2011	4.81	82EW0001 VFD fault
4/17/2011	26.81	81EW0002 communications failure
4/22/2011	58.71	02EW0015 VFD fault
4/28/2011	52.37	82EW0001 VFD fault
4/29/2011	25.98	81EW0002 communications failure
5/2/2011	2.95	81EW0001 VFD fault
6/5/2011	20.55	Power failure at 81EW0001 due to low influent pressure
6/6/2011	14.80	81EW0002 communications failure
6/8/2011	20.33	HATF off due to a power failure
6/8/2011	94.83	81EW0001 off due to a bad motor
6/10/2011	3.33	82EW0001 communications failure
6/17/2011	2.08	82EW0003 communications failure
6/21/2011	13.00	27EW0002, 27EW0006, 27EW0007, 27EW0008, 81EW0001, 81EW0002, and 81EW0003 off due to power failure and VFD faults
6/25/2011	12.11	82EW0003 VFD fault
7/3/2011	33.68	81EW0001, 82EW0001, 82EW0002 ,82EW0003 VFD fault
7/4/2011	3.28	02EW0015 communications failure
7/11/2011	6.25	82EW0002 VFD fault
7/11/2011	7.40	82EW0003 VFD fault
7/13/2011	53.30	82EW0001 vault high level alarm
7/17/2011	21.70	02EW0015 communications failure
7/22/2011	6.06	82EW0002 high flow alarm
7/22/2011	65.25	Intentionally shut down for energy curtailment event.
7/24/2011	7.71	81EW0002 communications failure
7/24/2011	3.00	02EW0014 communication failure

Table 11
Hunter Avenue Treatment Facility Downtime Summary
Southwest Plumes 2011 Summary Letter Report

Date	Hours Off-Line	Reason
7/27/2011	65.25	HATF intentionally shut down for energy curtailment event.
7/28/2011	24.50	81EW0001 off for a carbon exchange
8/5/2011	2.42	Power outage at HATF, all wells off
8/8/2011	2.25	81EW00001, 02EW0014 and 02EW0015 off due to a power failure
8/17/2011	16.92	Power outage at HATF, all wells off
8/19/2011	15.00	82EW0001, 82EW0002, 82EW0003 off due to power surge in area
8/20/2011	16.92	Power outage at HATF, all wells off
8/22/2011	147.92	81EW0001 off to install packers for a flow test
8/26/2011	97.50	HATF off as precaution for potential hurricane
9/2/2011	84.90	HATF off due to a high differential pressure
9/6/2011	9.00	82EW0001 VFD fault
9/7/2011	57.60	HATF off due to a high differential pressure; left off for header shock
9/27/2011	5.97	HATF off, NSTAR working on power lines on Route 151
9/29/2011	106.86	HATF off due to two blown fuses
9/30/2011	5.97	81EW0002 and 82EW0001 off due to NSTAR working on power lines on Route 151
10/2/2011	23.13	HATF power failure
10/4/2011	388.00	81EW0001 off to move packers for a flow test
10/15/2011	2.83	HATF for National Grid digging on Boxberry Hill Road
10/22/2011	10.97	82EW0002 and 82EW0003 off due to a power blip/VFD faults
11/4/2011	37.00	81EW0001 off due to a bad VFD
11/19/2011	2.00	82EW0001 communication failure
11/26/2011	7.70	82EW0001 communication failure
11/26/2011	5.33	02EW0014 communication failure
11/30/2011	20.00	02EW0015 communication failure
12/1/2011	8.75	81EW0001 communication failure
12/3/2011	52.88	02EW0014 VFD fault
12/6/2011	18.00	02EW0014 communication failure
12/9/2011	7.58	82EW0001 communications failure
12/12/2011	13.75	HATF off for energy curtailment event
12/15/2011	8.00	02EW0015 VFD fault
12/19/2011	2.50	HATF intentionally shut down for energy curtailment event
12/20/2011	14.30	81EW0001 communications failure
12/21/2011	5.95	82EW0002 communications failure
12/25/2011	32.00	81EW0001 communications failure
12/26/2011	16.37	HATF off due to a high sump caused by low pressure when 81EW0001 was off
12/28/2011	13.25	02EW0015 communications failure

Key:
CS-4 = Chemical Spill-4
CS-20 = Chemical Spill-20
CS-21 = Chemical Spill-21
FS-29 = Fuel Spill-29
HATF = Hunter Avenue Treatment Facility
PLC = Programmable Logic Control
VFD = variable frequency drive

Table 12
Hunter Avenue Treatment Facility Mass Removal Summary
Southwest Plumes 2011 Summary Letter Report

Date	85PLT01001 (CS-21/FS-29) Influent						Monthly Total COC Mass (lbs)
	TCE		EDB		CCl_4		
	Incremental Mass (lbs)	Accumulated Mass (lbs)	Incremental Mass (lbs)	Accumulated Mass (lbs)	Incremental Mass (lbs)	Accumulated Mass (lbs)	
Jan-11	1.73	124.10	0.00	0.002	0.00	9.24	1.7
Feb-11	1.59	125.70	0.00	0.002	0.00	9.24	1.6
Mar-11	1.76	127.50	0.00	0.002	0.00	9.24	1.8
Apr-11	1.53	129.00	0.00	0.002	0.00	9.24	1.5
May-11	1.66	130.70	0.00	0.002	0.00	9.24	1.7
Jun-11	1.57	132.20	0.00	0.002	0.00	9.24	1.6
Jul-11	1.51	133.80	0.00	0.002	0.00	9.24	1.5
Aug-11	1.57	135.30	0.00	0.002	0.00	9.24	1.6
Sep-11	1.71	137.00	0.00	0.002	0.00	9.24	1.7
Oct-11	1.53	138.60	0.00	0.002	0.00	9.24	1.5
Nov-11	1.59	140.20	0.00	0.002	0.00	9.24	1.6
Dec-11	1.54	141.70	0.00	0.002	0.00	9.24	1.5
Total TCE Mass Removed (lbs) at 85PLT01001 During the Reporting Period (January 2011 - December 2011)							**19.3**
Total TCE Mass Removed (lbs) at 85PLT01001 Since Startup (September 2006 - December 2011)							**141.7**
Total EDB Mass Removed (lbs) at 85PLT01001 Since Startup (September 2006 - December 2011)							**0.002**
Total CCl_4 Mass Removed (lbs) at 85PLT01001 Since Startup (September 2006 - December 2011)							**9.2**
Total COC Mass Removed (lbs) at 85PLT01001 During the Reporting Period (January 2011 - December 2011)							**19.3**
Total COC Mass Removed (lbs) at 85PLT01001 Since Startup (September 2006 - December 2011)							**150.9**

Table 12
Hunter Avenue Treatment Facility Mass Removal Summary
Southwest Plumes 2011 Summary Letter Report

Date	85PLT01002 (CS-4/CS-20) Influent								Monthly Total COC Mass (lbs)
	PCE		TCE		EDB		1,1,2,2-TeCA		
	Incremental Mass (lbs)	Accumulated Mass (lbs)	Incremental Mass (lbs)	Accumulated Mass (lbs)	Incremental Mass (lbs)	Accumulated Mass (lbs)	Incremental Mass (lbs)	Accumulated Mass (lbs)	
Jan-11	0.61	99.44	0.11	9.83	0.00	0.003	0.01	1.16	0.7
Feb-11	0.67	100.10	0.16	9.99	0.00	0.003	0.00	1.16	0.8
Mar-11	0.55	100.70	0.15	10.13	0.00	0.003	0.00	1.16	0.7
Apr-11	0.65	101.30	0.10	10.24	0.00	0.003	0.00	1.16	0.7
May-11	0.80	102.10	0.10	10.34	0.00	0.003	0.00	1.16	0.9
Jun-11	0.88	103.00	0.11	10.45	0.00	0.003	0.00	1.16	1.0
Jul-11	1.07	104.00	0.12	10.57	0.00	0.003	0.00	1.16	1.2
Aug-11	1.00	105.00	0.11	10.68	0.00	0.003	0.00	1.16	1.1
Sep-11	0.86	105.90	0.11	10.79	0.00	0.003	0.00	1.16	1.0
Oct-11	0.70	106.60	0.09	10.88	0.00	0.003	0.00	1.16	0.8
Nov-11	0.72	107.30	0.10	10.98	0.00	0.003	0.00	1.16	0.8
Dec-11	0.76	108.10	0.11	11.08	0.00	0.003	0.00	1.16	0.9
Total PCE Mass Removed (lbs) at 85PLT01002 During Reporting Period (January 2011 - December 2011)									**9.2**
Total TCE Mass Removed (lbs) at 85PLT01002 During Reporting Period (January 2011 - December 2011)									**1.4**
Total EDB Mass Removed (lbs) at 85PLT01002 During Reporting Period (January 2011 - December 2011)									**0.0**
Total 1,1,2,2-TeCA Mass Removed (lbs) at 85PLT01002 During Reporting Period (January 2011 - December 2011)									**0.0**
Total PCE mass removed (lbs) at 85PLT01002 (January 2006 - December 2011)									**108.1**
Total TCE mass removed (lbs) at 85PLT01002 (January 2006 - December 2011)									**11.1**
Total EDB mass removed (lbs) at 85PLT01002 (January 2006 - December 2011)									**0.003**
Total 1,1,2,2-TeCA mass removed (lbs) at 85PLT01002 (January 2006 - December 2011)									**1.2**
Total contaminant mass removed (lbs) at 85PLT01002 During Reporting Period (January 2011 - December 2011)									**10.6**
Total contaminant mass removed (lbs) at 85PLT01002 Since Startup (January 2006 - December 2011)									**120.3**
Total COC mass removed (lbs) at Hunter Avenue Treatment Plant During Report Period (January - December 2011)									**29.9**
Total COC mass removed (lbs) at Hunter Avenue Treatment Plant Since Startup (January 2006 - December 2011)									**271.3**

Data Source: AFCEE, February 2012, AFCEE-MMR Data Warehouse

Key:

CCl_4 = carbon tetrachloride
COC = contaminant of concern
CS-4 = Chemical Spill-4
CS-20 = Chemical Spill-20
CS-21 = Chemical Spill-21
EDB = ethylene dibromide
FS-29 = Fuel Spill-29
lbs = pounds
PCE = tetrachloroethene
TCE = trichloroethene
TeCA = tetrachloroethane

Table 13
Southwest Plumes Remedial Systems Electrical Consumption and Associated Air Emissions
Southwest Plumes 2011 Summary Letter Report

		1/1/2011 to 12/31/2011	System Startup (12/2006) to 12/31/2011
Volume of Groundwater Treated (billion gallons)		**0.8**	**7.2**
Groundwater COC Mass Removal (pounds)		**29.9**	**271.3**
Electrical Usage (MWh)		**1,058**	**12,463**
Estimated Air Emissions[1] (based on electrical usage)	**CO_2 (tons)**	693	9,650
	NOx (lbs)	1,492	16,369
	PM-10 (lbs)	85	838
	SO_2 (lbs)	3,978	30,590
	VOCs (lbs)	52	857
Estimated Reduction in Air Emissions due to Green Power Purchases[2]	**CO_2 (tons)**	341	2,255
	NOx (lbs)	733	4,304
	PM-10 (lbs)	42	214
	SO_2 (lbs)	1,955	9,133
	VOCs (lbs)	26	165
Estimated Reduction in Air Emissions due to MMR Wind Turbine Operation[3]	**CO_2 (tons)**	327	524
	NOx (lbs)	703	1129
	PM-10 (lbs)	40	65
	SO_2 (lbs)	1,875	3011
	VOCs (lbs)	25	39
Estimated Total Air Emissions with consideration of Green Power Purchases and MMR Wind Turbine Operation	**CO_2 (tons)**	**26**	**6,870**
	NOx (lbs)	**55**	**10,936**
	PM-10 (lbs)	**3**	**559**
	SO_2 (lbs)	**148**	**18,446**
	VOCs (lbs)	**2**	**652**

Notes:

1) The estimated air emissions presented in this table are based on the assumption that until 4/30/2009, the power used to operate the MMR remedial systems was provided by the Mirant Canal Station power plant in Sandwich, MA. This power plant primarily produced electricity generated by the combustion of fuel oil and has been off-line since 5/1/2009. Starting on 5/1/2009, air emissions are based on electricity generated by the average mix of power sources in Massachusetts. Air emissions were calculated using MMR utility data from AFCEE's Metrix 4 Utility Accounting Software (http://www.abraxasenergy.com/metrix4.php) and emission factors obtained from the following websites:
http://www.csgnetwork.com/elecpowerpolcalc.html
http://www.metrixcentral.com/EmissionsCalculator/Emissions%20Factors%202004.pdf
2) Emissions offset by purchases of electricity from renewable sources beginning 7/1/2008.
3) Emissions offset by operation of AFCEE-owned wind turbines beginning on 12/2/2009 (Wind I) and 11/1/2011 (Wind II).

Key:
COC = contaminant of concern
CO_2 = carbon dioxide
lbs = pounds
MMR = Massachusetts Military Reservation
MWh = megawatt hours
NO_x = nitrogen oxides
PM-10 = particulate matter with a diameter of 10 micrometers or less
SO_2 = sulfur dioxide
VOCs = volatile organic compounds

Table 14
CS-4 Extraction Well Mass Removal Summary
Southwest Plumes 2011 Summary Letter Report

Extraction Well	Period	PCE Mass Removed for Period (lb)	TCE Mass Removed for Period (lb)	1,1,2,2-TeCA Mass Removed for Period (lb)	EDB Mass Removed for Period (lb)	COC Mass Removed for Period (lb)
02EW0014	January 2006 - December 2006	2.1	0.8	0.4	0.0006	3.3
	January 2007 - December 2007	2.3	0.8	0.4	0.0000	3.6
	January 2008 - December 2008	1.7	0.6	0.2	0.0000	2.4
	January 2009 - December 2009	1.7	0.4	0.2	0.0000	2.3
	January 2010 - December 2010	1.6	0.6	0.2	0.0000	2.4
	January 2011 - December 2011	1.8	0.6	0.1	0.0000	2.4
Percent of total mass removed by 02EW0014 since startup						57.7
02EW0015	January 2006 - December 2006	1.5	0.3	0.2	0.0000	2.0
	January 2007 - December 2007	0.8	0.1	0.0	0.0000	1.0
	January 2008 - December 2008	0.8	0.2	0.1	0.0000	1.0
	January 2009 - December 2009	0.9	0.2	0.1	0.0000	1.1
	January 2010 - December 2010	1.1	0.3	0.2	0.0000	1.6
	January 2011 - December 2011	1.2	0.3	0.1	0.0000	1.6
Percent of total mass removed by 02EW0015 since startup						29.4
02EW0016*	January 2006 - December 2006	1.4	0.5	0.5	0.0000	2.3
	January 2007 - December 2007	0.6	0.2	0.1	0.0000	0.9
	January 2008 - December 2008	0.3	0.0	0.0	0.0000	0.3
	January 2009 - December 2009	0.2	0.0	0.0	0.0000	0.2
Percent of total mass removed by 02EW0016 since startup						13.0
Total PCE Mass Removed by CS-4 Extraction Wells During Reporting Period (January 2011 - December 2011)						**3.0**
Total TCE Mass Removed by CS-4 Extraction Wells During Reporting Period (January 2011 - December 2011)						**0.9**
Total 1,1,2,2-TeCA Mass Removed by CS-4 Extraction Wells During Reporting Period (January 2011 - December 2011)						**0.2**
Total EDB Mass Removed by CS-4 Extraction Wells During Reporting Period (January 2011 - December 2011)						**0.0**
Total COC Mass Removed by CS-4 Extraction Wells During Reporting Period (January 2011 - December 2011)						**4.0**
Total COC Mass Removed by CS-4 Extraction Wells Since Startup (January 2006 - December 2011)						**28.4**

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

Note:
*02EW0016 was shutdown on 09 December 2009 as an optimization initiative.

Key:
COC = contaminant of concern
CS-4 = Chemical Spill-4
EDB = ethylene dibromide
lb = pound
PCE = tetrachloroethene
TCE = trichloroethene
TeCA = tetrachloroethane
µg/L = micrograms per liter

Table 15
CS-20 Extraction Well Mass Removal Summary
Southwest Plumes 2011 Summary Letter Report

Extraction Well	Period	PCE Mass Removed for Period (lb)
81EW0001	January 2006 - December 2006	15.1
	January 2007 - December 2007	7.9
	January 2008 - December 2008	5.1
	January 2009 - December 2009	3.6
	January 2010 - December 2010	2.7
	January 2011 - December 2011	1.7
Percent of total mass removed by 81EW0001 since startup		44.5
81EW0002	January 2006 - December 2006	7.7
	January 2007 - December 2007	12.8
	January 2008 - December 2008	8.5
	January 2009 - December 2009	6.4
	January 2010 - December 2010	5.3
	January 2011 - December 2011	4.4
Percent of total mass removed by 81EW0002 since startup		55.5
Total COC mass removed by CS-20 extraction wells During Reporting Period (January 2011 - December 2011		**6.1**
Total COC Mass Removed by CS-20 Extraction Wells Since Startup (January 2006 - December 2011)		**81.1**

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

Key:
COC = contaminant of concern
CS-20 = Chemical Spill-20
lb = pound
PCE = tetrachloroethene

Table 16
CS-21 Extraction Well Mass Removal Summary
Southwest Plumes 2011 Summary Letter Report

Extraction Well	Period	TCE Mass Removed for Period (lb)
82EW0001	September 2006 - December 2006	8.4
	January 2007 - December 2007	19.4
	January 2008 - December 2008	15.3
	January 2009 - December 2009	14.5
	January 2010 - December 2010	13.6
	January 2011 - December 2011	15.3
Percent of total mass removed by 82EW0001 since startup		62.6
82EW0002	September 2006 - December 2006	5.1
	January 2007 - December 2007	10.2
	January 2008 - December 2008	6.7
	January 2009 - December 2009	4.8
	January 2010 - December 2010	4.1
	January 2011 - December 2011	4.2
Percent of total mass removed by 82EW0002 since startup		25.4
82EW0003	September 2006 - December 2006	1.6
	January 2007 - December 2007	3.4
	January 2008 - December 2008	2.5
	January 2009 - December 2009	1.9
	January 2010 - December 2010	1.6
	January 2011 - December 2011	1.2
Percent of total mass removed by 82EW0003 since startup		8.8
82EW0004*	September 2006 - December 2006	0.05
	January 2007 - December 2007	0.9
	January 2008 - December 2008	1.3
	January 2009 - December 2009	1.6
	January 2010 - June 2010	0.7
Percent of total mass removed by 82EW0004 since startup		3.2
Total COC Mass Removed by CS-21 Extraction Wells During Report Period (January 2011 - December 2011)		**20.7**
Total COC Mass Removed by CS-21 Extraction Wells Since Startup (September 2006 - December 2011)		**138.1**

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse.

Note:
*82EW0004 was shutdown on 23 June 2010 as an optimization initiative.

Key:
COC = contaminant of concern
CS-21 = Chemical Spill-21
lb = pound
TCE = trichloroethene

ATTACHMENT A

Comparison of Detected Concentrations in Southwest Plumes Groundwater and Treatment Plant Samples to Applicable Groundwater Standards

Attachment A
Comparison of Detected Concentrations in Southwest Plumes Groundwater and Treatment Plant Samples to Applicable Groundwater Standards
Southwest Plumes 2011 Summary Letter Report

Location Identification	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Standard	Type[1,2,3]	Standard Exceeded?
						All units = µg/L					
02EW0014	3/15/2011	-85.02	WG	SW8260B	TRICHLOROETHENE (TCE)	1.5	0.2	1	5	MCL	No
02EW0014	3/15/2011	-85.02	WG	SW8260B	TETRACHLOROETHENE (PCE)	4.5	0.19	1	5	MCL	No
02EW0014	6/16/2011	-85.02	WG	SW8260B	TRICHLOROETHENE (TCE)	1.4	0.27	1	5	MCL	No
02EW0014	6/16/2011	-85.02	WG	SW8260B	TETRACHLOROETHENE (PCE)	5.4	0.28	1	5	MCL	Yes
02EW0014	6/16/2011	-85.02	WG	SW8260B	1,1,2,2-TETRACHLOROETHANE	BRL	0.16	1	2	GW-1	No
02EW0014	9/21/2011	-85.02	WG	SW8260B	TRICHLOROETHENE (TCE)	1.8	0.2	1	5	MCL	No
02EW0014	9/21/2011	-85.02	WG	SW8260B	TETRACHLOROETHENE (PCE)	5.3	0.19	1	5	MCL	Yes
02EW0014	9/21/2011	-85.02	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
02EW0014	9/21/2011	-85.02	WG	SW8260B	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	2	GW-1	No
02EW0014	12/29/2011	-85.02	WG	SW8260B	TRICHLOROETHENE (TCE)	1.6	0.2	1	5	MCL	No
02EW0014	12/29/2011	-85.02	WG	SW8260B	TETRACHLOROETHENE (PCE)	5.4	0.19	1	5	MCL	Yes
02EW0014	12/29/2011	-85.02	WG	SW8260B	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	2	GW-1	No
02EW0015	3/15/2011	-77.34	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
02EW0015	3/15/2011	-77.34	WG	SW8260B	TETRACHLOROETHENE (PCE)	3.1	0.19	1	5	MCL	No
02EW0015	6/16/2011	-77.34	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
02EW0015	6/16/2011	-77.34	WG	SW8260B	TETRACHLOROETHENE (PCE)	4	0.28	1	5	MCL	No
02EW0015	6/16/2011	-77.34	WG	SW8260B	1,1,2,2-TETRACHLOROETHANE	BRL	0.16	1	2	GW-1	No
02EW0015	9/21/2011	-77.34	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
02EW0015	9/21/2011	-77.34	WG	SW8260B	TETRACHLOROETHENE (PCE)	3.5	0.19	1	5	MCL	No
02EW0015	9/21/2011	-77.34	WG	SW8260B	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	2	GW-1	No
02EW0015	12/29/2011	-77.34	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
02EW0015	12/29/2011	-77.34	WG	SW8260B	TETRACHLOROETHENE (PCE)	4.2	0.19	1	5	MCL	No
02EW0015	12/29/2011	-77.34	WG	SW8260B	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	2	GW-1	No
02MW1205C	4/20/2011	-31.72	WG	SW8260B	TRICHLOROETHENE (TCE)	1.8	0.2	1	5	MCL	No
02MW1205C	4/20/2011	-31.72	WG	SW8260B	TETRACHLOROETHENE (PCE)	7.9	0.19	1	5	MCL	Yes
02MW1205C	4/20/2011	-31.72	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
02MW1205C	4/20/2011	-31.72	WG	SW8260B	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	2	GW-1	No
02MW1253	4/4/2011	-115.18	WG	SW8260B	TRICHLOROETHENE (TCE)	4.8	0.2	1	5	MCL	No
02MW1253	4/4/2011	-115.18	WG	SW8260B	TETRACHLOROETHENE (PCE)	20	0.19	1	5	MCL	Yes
02MW1253	4/4/2011	-115.18	WG	SW8260B	1,1,2,2-TETRACHLOROETHANE	2.8	0.13	1	2	GW-1	Yes
02MW1254	4/4/2011	-116.30	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
02MW1254	4/4/2011	-116.30	WG	SW8260B	TETRACHLOROETHENE (PCE)	4.1	0.19	1	5	MCL	No
02MW1259A	4/4/2011	-123.47	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
02MW1259B	4/4/2011	-162.50	WG	SW8260B	TRICHLOROETHENE (TCE)	5.2	0.2	1	5	MCL	Yes
02MW1259B	4/4/2011	-162.50	WG	SW8260B	TETRACHLOROETHENE (PCE)	23	0.19	1	5	MCL	Yes
02MW1259B	4/4/2011	-162.50	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
02MW2000B	4/4/2011	-18.94	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
02MW2000B	4/4/2011	-18.94	WG	SW8260B	TETRACHLOROETHENE (PCE)	5.5	0.19	1	5	MCL	Yes
02OW0015C	4/4/2011	-55.18	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
02OW0015C	4/4/2011	-55.18	WG	SW8260B	TETRACHLOROETHENE (PCE)	3.2	0.19	1	5	MCL	No
02OW0016D	4/4/2011	-76.40	WG	SW8260B	TRICHLOROETHENE (TCE)	2.2	0.2	1	5	MCL	No
02OW0016D	4/4/2011	-76.40	WG	SW8260B	TETRACHLOROETHENE (PCE)	12	0.19	1	5	MCL	Yes

Attachment A
Comparison of Detected Concentrations in Southwest Plumes Groundwater and Treatment Plant Samples to Applicable Groundwater Standards
Southwest Plumes 2011 Summary Letter Report

Location Identification	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Standard	Type[1,2,3]	Standard Exceeded?
						All units = µg/L					
69IG0015	4/29/2011	-128.00	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
69IG0016	4/29/2011	-67.00	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
69MW1262	4/4/2011	-70.65	WG	SW8260B	TRICHLOROETHENE (TCE)	3.3	0.2	1	5	MCL	No
69MW1262	4/4/2011	-70.65	WG	SW8260B	TETRACHLOROETHENE (PCE)	18	0.19	1	5	MCL	Yes
69MW1265	4/20/2011	-131.24	WG	SW8260B	TRICHLOROETHENE (TCE)	2	0.2	1	5	MCL	No
69MW1265	4/20/2011	-131.24	WG	SW8260B	TETRACHLOROETHENE (PCE)	8.2	0.19	1	5	MCL	Yes
69MW1265	4/20/2011	-131.24	WG	SW8260B	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	2	GW-1	No
69MW1281	4/11/2011	-98.86	WG	SW8260B	TRICHLOROETHENE (TCE)	3.4	0.2	1	5	MCL	No
69MW1281	4/11/2011	-98.86	WG	SW8260B	TETRACHLOROETHENE (PCE)	17	0.19	1	5	MCL	Yes
69MW1281	4/11/2011	-98.86	WG	SW8260B	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	2	GW-1	No
69MW1282	4/4/2011	-89.50	WG	SW8260B	TRICHLOROETHENE (TCE)	1.6	0.2	1	5	MCL	No
69MW1282	4/4/2011	-89.50	WG	SW8260B	TETRACHLOROETHENE (PCE)	4.9	0.19	1	5	MCL	No
69MW1282	4/4/2011	-89.50	WG	SW8260B	cis-1,2-DICHLOROETHENE	BRL	0.2	1	70	MCL	No
69MW1506B	4/21/2011	-12.90	WG	SW8260B	TRICHLOROETHENE (TCE)	73	0.2	1	5	MCL	Yes
69MW1506B	4/21/2011	-12.90	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
69MW1507	3/2/2011	-87.57	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.25	0.5	5	MCL	No
69MW1514A	4/1/2011	-181.31	WG	SW8260B	TRICHLOROETHENE (TCE)	24	0.2	1	5	MCL	Yes
69MW1514A	4/1/2011	-181.31	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
69MW1514B	4/8/2011	-60.46	WG	SW8260B	TRICHLOROETHENE (TCE)	5.4	0.2	1	5	MCL	Yes
69MW1517A	3/24/2011	-125.50	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
69MW1517A	3/24/2011	-125.50	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.2	0.19	1	5	MCL	No
69MW1534A	3/31/2011	-163.95	WG	SW8260B	TRICHLOROETHENE (TCE)	12	0.2	1	5	MCL	Yes
69MW1542	4/1/2011	-87.19	WG	SW8260B	CARBON TETRACHLORIDE	1.9	0.2	1	5	MCL	No
69MW1542	4/1/2011	-87.19	WG	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.014	0.005	0.01	0.02	MMCL	No
69MW1542	9/7/2011	-87.19	WG	SW8260B	CARBON TETRACHLORIDE	1.3	0.2	1	5	MCL	No
69MW1542	9/7/2011	-87.19	WG	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	BRL	0.005	0.01	0.02	MMCL	No
69MW1543	4/1/2011	-138.30	WG	SW8260B	CARBON TETRACHLORIDE	4.5	0.2	1	5	MCL	No
80MW0001B	4/11/2011	-66.43	WG	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.012	0.005	0.01	0.02	MMCL	No
80MW0002B	3/31/2011	-60.02	WG	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.016	0.005	0.01	0.02	MMCL	No
80MW0004A	4/8/2011	-139.53	WG	SW8260B	CARBON TETRACHLORIDE	3.3	0.2	1	5	MCL	No
80MW0004A	4/8/2011	-139.53	WG	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	BRL	0.005	0.01	0.02	MMCL	No
80MW0004B	4/8/2011	-98.77	WG	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	BRL	0.005	0.01	0.02	MMCL	No
80MW0013A	3/31/2011	-161.41	WG	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.011	0.005	0.01	0.02	MMCL	No
80MW0015A	4/1/2011	-155.51	WG	SW8260B	CARBON TETRACHLORIDE	6.4	0.2	1	5	MCL	Yes
80MW0015A	5/11/2011	-155.51	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
80MW0015A	5/11/2011	-155.51	WG	SW8260B	CARBON TETRACHLORIDE	5.5	0.2	1	5	MCL	Yes
80MW0015A	9/7/2011	-155.51	WG	SW8260B	CARBON TETRACHLORIDE	5.2	0.2	1	5	MCL	Yes
80MW0015B	4/1/2011	-135.54	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
80MW0015B	4/1/2011	-135.54	WG	SW8260B	CARBON TETRACHLORIDE	5.8	0.2	1	5	MCL	Yes
80MW0015B	5/11/2011	-135.54	WG	SW8260B	CARBON TETRACHLORIDE	4.7	0.2	1	5	MCL	No
80MW0015B	9/7/2011	-135.54	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
80MW0015B	9/7/2011	-135.54	WG	SW8260B	CARBON TETRACHLORIDE	4.7	0.2	1	5	MCL	No

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Southwest Plumes 2011 Summary Letter Report

Location Identification	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Standard	Type[1,2,3]	Standard Exceeded?
						All units = µg/L					
80MW0015B	9/7/2011	-135.54	WG	SW8260B	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	BRL	0.005	0.01	0.02	MMCL	No
81DP1010	2/11/2011	-11.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
81DP1010	2/11/2011	-21.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
81DP1010	2/14/2011	-31.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
81DP1013	3/7/2011	-52.50	WA	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81DP1013	3/7/2011	-52.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	6.5	0.19	1	5	MCL	Yes
81DP1013	3/7/2011	-62.50	WA	SW8260B	TETRACHLOROETHENE (PCE)	4.5	0.19	1	5	MCL	No
81DP1013	3/7/2011	-52.50	WA	SW8260B	1,1,1-TRICHLOROETHANE	BRL	0.18	1	200	MCL	No
81DP1013	3/7/2011	-62.50	WA	SW8260B	1,1,1-TRICHLOROETHANE	BRL	0.18	1	200	MCL	No
81EW0001	3/15/2011	-97.32	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81EW0001	3/15/2011	-97.32	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.7	0.19	1	5	MCL	No
81EW0001	6/16/2011	-97.32	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
81EW0001	6/16/2011	-97.32	WG	SW8260B	TETRACHLOROETHENE (PCE)	2	0.28	1	5	MCL	No
81EW0001	9/7/2011	-97.32	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81EW0001	9/7/2011	-97.32	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.6	0.19	1	5	MCL	No
81EW0001	9/14/2011	-97.32	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81EW0001	9/14/2011	-97.32	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.4	0.19	1	5	MCL	No
81EW0001	9/21/2011	-97.32	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81EW0001	9/21/2011	-97.32	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.4	0.19	1	5	MCL	No
81EW0001	10/12/2011	-97.32	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.6	0.19	1	5	MCL	No
81EW0001	10/19/2011	-97.32	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81EW0001	10/19/2011	-97.32	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.2	0.19	1	5	MCL	No
81EW0001	10/26/2011	-97.32	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81EW0001	10/26/2011	-97.32	WG	SW8260B	TETRACHLOROETHENE (PCE)	2	0.19	1	5	MCL	No
81EW0001	11/22/2011	-97.32	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81EW0001	11/22/2011	-97.32	WG	SW8260B	TETRACHLOROETHENE (PCE)	1.9	0.19	1	5	MCL	No
81EW0001	12/29/2011	-97.32	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.2	0.19	1	5	MCL	No
81EW0002	3/15/2011	-94.07	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81EW0002	3/15/2011	-94.07	WG	SW8260B	TETRACHLOROETHENE (PCE)	8.7	0.19	1	5	MCL	Yes
81EW0002	3/15/2011	-94.07	WG	SW8260B	1,1,1-TRICHLOROETHANE	BRL	0.18	1	200	MCL	No
81EW0002	6/16/2011	-94.07	WG	SW8260B	TETRACHLOROETHENE (PCE)	4.8	0.28	1	5	MCL	No
81EW0002	9/21/2011	-94.07	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81EW0002	9/21/2011	-94.07	WG	SW8260B	TETRACHLOROETHENE (PCE)	4.3	0.19	1	5	MCL	No
81EW0002	12/29/2011	-94.07	WG	SW8260B	TETRACHLOROETHENE (PCE)	4	0.19	1	5	MCL	No
81MW0003B	3/24/2011	1.45	WG	SW8260B	TETRACHLOROETHENE (PCE)	19	0.19	1	5	MCL	Yes
81MW0005B	4/11/2011	-72.50	WG	SW8260B	TETRACHLOROETHENE (PCE)	13	0.19	1	5	MCL	Yes
81MW0005B	4/11/2011	-72.50	WG	SW8260B	1,1,1-TRICHLOROETHANE	BRL	0.18	1	200	MCL	No
81MW0006A	3/24/2011	-132.52	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81MW0006A	3/24/2011	-132.52	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
81MW0007B	4/11/2011	-10.08	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
81MW0011A	3/24/2011	-128.37	WG	SW8260B	TETRACHLOROETHENE (PCE)	7.2	0.19	1	5	MCL	Yes
81MW0011A	3/24/2011	-128.37	WG	SW8260B	1,1,1-TRICHLOROETHANE	BRL	0.18	1	200	MCL	No

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Southwest Plumes 2011 Summary Letter Report

Location Identification	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Standard	Type[1,2,3]	Standard Exceeded?
						All units = µg/L					
81MW0011B	3/24/2011	-48.36	WG	SW8260B	TETRACHLOROETHENE (PCE)	14	0.19	1	5	MCL	Yes
81MW0011B	3/24/2011	-48.36	WG	SW8260B	1,1,1-TRICHLOROETHANE	BRL	0.18	1	200	MCL	No
81MW0013A	3/2/2011	-89.66	WG	E524.2	TETRACHLOROETHENE (PCE)	17	0.25	0.5	5	MCL	Yes
81MW0013A	3/2/2011	-89.66	WG	E524.2	1,1,1-TRICHLOROETHANE	0.7	0.25	0.5	200	MCL	No
81MW0013A	9/22/2011	-89.66	WG	SW8260B	TETRACHLOROETHENE (PCE)	15	0.19	1	5	MCL	Yes
81MW0013B	3/2/2011	-242.24	WG	E524.2	TRICHLOROETHENE (TCE)	0.7	0.25	0.5	5	MCL	No
81MW0013B	3/2/2011	-242.24	WG	E524.2	TETRACHLOROETHENE (PCE)	24	1.25	2.5	5	MCL	Yes
81MW0013B	3/2/2011	-242.24	WG	E524.2	CARBON TETRACHLORIDE	0.7	0.25	0.5	5	MCL	No
81MW0013B	3/2/2011	-242.24	WG	E524.2	1,1-DICHLOROETHENE	3.1	0.25	0.5	7	MCL	No
81MW0013B	3/2/2011	-242.24	WG	E524.2	1,1,1-TRICHLOROETHANE	6.5	0.25	0.5	200	MCL	No
81MW0013B	9/22/2011	-242.24	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
81MW0013B	9/22/2011	-242.24	WG	SW8260B	TETRACHLOROETHENE (PCE)	31	0.19	1	5	MCL	Yes
81MW0013B	9/22/2011	-242.24	WG	SW8260B	CARBON TETRACHLORIDE	BRL	0.2	1	5	MCL	No
81MW0017B	4/11/2011	-23.41	WG	SW8260B	TETRACHLOROETHENE (PCE)	3.1	0.19	1	5	MCL	No
81MW0018A	3/2/2011	-152.74	WG	E524.2	TETRACHLOROETHENE (PCE)	3.3	0.25	0.5	5	MCL	No
81MW0018A	3/2/2011	-152.74	WG	E524.2	1,1-DICHLOROETHENE	1	0.25	0.5	7	MCL	No
81MW0018A	3/2/2011	-152.74	WG	E524.2	1,1,1-TRICHLOROETHANE	2.2	0.25	0.5	200	MCL	No
81MW0018B	3/2/2011	-46.74	WG	E524.2	TETRACHLOROETHENE (PCE)	8.7	0.25	0.5	5	MCL	Yes
81MW0018B	3/2/2011	-46.74	WG	E524.2	1,1-DICHLOROETHENE	BRL	0.25	0.5	7	MCL	No
81MW0018B	3/2/2011	-46.74	WG	E524.2	1,1,1-TRICHLOROETHANE	0.8	0.25	0.5	200	MCL	No
81MW0018B	9/22/2011	-46.74	WG	SW8260B	TETRACHLOROETHENE (PCE)	2.6	0.19	1	5	MCL	No
82EW0001	3/15/2011	-155.93	WG	SW8260B	TRICHLOROETHENE (TCE)	7.7	0.2	1	5	MCL	Yes
82EW0001	6/16/2011	-155.93	WG	SW8260B	TRICHLOROETHENE (TCE)	8.3	0.27	1	5	MCL	Yes
82EW0001	9/21/2011	-155.93	WG	SW8260B	TRICHLOROETHENE (TCE)	7.9	0.2	1	5	MCL	Yes
82EW0001	9/21/2011	-155.93	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
82EW0001	12/29/2011	-155.93	WG	SW8260B	TRICHLOROETHENE (TCE)	7.1	0.2	1	5	MCL	Yes
82EW0002	3/15/2011	-134.67	WG	SW8260B	TRICHLOROETHENE (TCE)	4	0.2	1	5	MCL	No
82EW0002	6/16/2011	-134.67	WG	SW8260B	TRICHLOROETHENE (TCE)	3.9	0.27	1	5	MCL	No
82EW0002	9/21/2011	-134.67	WG	SW8260B	TRICHLOROETHENE (TCE)	3.5	0.2	1	5	MCL	No
82EW0002	12/29/2011	-134.67	WG	SW8260B	TRICHLOROETHENE (TCE)	3.2	0.2	1	5	MCL	No
82EW0003	3/15/2011	-275.00	WG	SW8260B	TRICHLOROETHENE (TCE)	1.2	0.2	1	5	MCL	No
82EW0003	6/16/2011	-275.00	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
82EW0003	9/21/2011	-275.00	WG	SW8260B	TRICHLOROETHENE (TCE)	1.1	0.2	1	5	MCL	No
82EW0003	9/21/2011	-275.00	WG	SW8260B	CARBON TETRACHLORIDE	BRL	0.2	1	5	MCL	No
82EW0003	12/29/2011	-275.00	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
82MW0007A	4/18/2011	-157.99	WG	SW8260B	TRICHLOROETHENE (TCE)	31	0.2	1	5	MCL	Yes
82MW0007A	4/18/2011	-157.99	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
82MW0009A	4/18/2011	-211.01	WG	SW8260B	TRICHLOROETHENE (TCE)	25	0.2	1	5	MCL	Yes
82MW0009A	4/18/2011	-211.01	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
82MW0010A	3/25/2011	-223.84	WG	SW8260B	TRICHLOROETHENE (TCE)	51	0.2	1	5	MCL	Yes
82MW0010A	3/25/2011	-223.84	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
82MW0010B	3/25/2011	-122.35	WG	SW8260B	TRICHLOROETHENE (TCE)	19	0.2	1	5	MCL	Yes

Attachment A
Comparison of Detected Concentrations in Southwest Plumes Groundwater and Treatment Plant Samples to Applicable Groundwater Standards
Southwest Plumes 2011 Summary Letter Report

Location Identification	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Standard	Type[1,2,3]	Standard Exceeded?
						All units = µg/L					
82MW0012A	3/25/2011	-161.06	WG	SW8260B	TRICHLOROETHENE (TCE)	31	0.2	1	5	MCL	Yes
82MW0012A	3/25/2011	-161.06	WG	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
82MW0012B	3/25/2011	-101.06	WG	SW8260B	TRICHLOROETHENE (TCE)	7.7	0.2	1	5	MCL	Yes
82MW0021A	4/1/2011	-149.00	WG	SW8260B	TRICHLOROETHENE (TCE)	4.6	0.2	1	5	MCL	No
82MW0021A	9/7/2011	-149.00	WG	SW8260B	TRICHLOROETHENE (TCE)	2.6	0.2	1	5	MCL	No
82MW0022A	4/18/2011	-14.79	WG	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01001 (INF)	1/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	4.9	0.2	1	5	MCL	No
85PLT01001 (INF)	2/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	5.1	0.2	1	5	MCL	Yes
85PLT01001 (INF)	3/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	4.7	0.2	1	5	MCL	No
85PLT01001 (INF)	4/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	4.5	0.2	1	5	MCL	No
85PLT01001 (INF)	5/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	4.5	0.2	1	5	MCL	No
85PLT01001 (INF)	6/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	4.6	0.27	1	5	MCL	No
85PLT01001 (INF)	7/29/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	5	0.27	1	5	MCL	No
85PLT01001 (INF)	8/31/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	4.3	0.27	1	5	MCL	No
85PLT01001 (INF)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	4.8	0.2	1	5	MCL	No
85PLT01001 (INF)	10/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	4.3	0.2	1	5	MCL	No
85PLT01001 (INF)	11/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	4.2	0.2	1	5	MCL	No
85PLT01001 (INF)	12/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	4.3	0.2	1	5	MCL	No
85PLT01002 (INF)	1/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01002 (INF)	1/26/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	3.1	0.19	1	5	MCL	No
85PLT01002 (INF)	2/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	1.3	0.2	1	5	MCL	No
85PLT01002 (INF)	2/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	4.4	0.19	1	5	MCL	No
85PLT01002 (INF)	3/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01002 (INF)	3/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	2.2	0.19	1	5	MCL	No
85PLT01002 (INF)	4/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01002 (INF)	4/26/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	3.3	0.19	1	5	MCL	No
85PLT01002 (INF)	5/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01002 (INF)	5/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	3.2	0.19	1	5	MCL	No
85PLT01002 (INF)	6/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT01002 (INF)	6/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	3.1	0.28	1	5	MCL	No
85PLT01002 (INF)	7/29/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT01002 (INF)	7/29/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	4.2	0.28	1	5	MCL	No
85PLT01002 (INF)	8/31/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT01002 (INF)	8/31/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	3.9	0.28	1	5	MCL	No
85PLT01002 (INF)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01002 (INF)	9/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	4	0.19	1	5	MCL	No
85PLT01002 (INF)	10/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01002 (INF)	10/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	3.5	0.19	1	5	MCL	No
85PLT01002 (INF)	11/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01002 (INF)	11/28/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	3.1	0.19	1	5	MCL	No
85PLT01002 (INF)	12/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01002 (INF)	12/28/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	3.4	0.19	1	5	MCL	No

Attachment A
Comparison of Detected Concentrations in Southwest Plumes Groundwater and Treatment Plant Samples to Applicable Groundwater Standards
Southwest Plumes 2011 Summary Letter Report

Location Identification	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Standard	Type[1,2,3]	Standard Exceeded?
						All units = µg/L					
85PLT01003 (EFF)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01003 (EFF)	11/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01003 (EFF)	12/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01101 (MID)	10/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01101 (MID)	11/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01101 (MID)	12/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01102 (MID)	1/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01102 (MID)	2/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01102 (MID)	3/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01102 (MID)	4/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01102 (MID)	5/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01102 (MID)	6/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT01102 (MID)	7/29/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT01102 (MID)	8/31/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT01102 (MID)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	1.3	0.2	1	5	MCL	No
85PLT01202 (MID)	8/31/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT01202 (MID)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01202 (MID)	10/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01202 (MID)	11/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	1.1	0.2	1	5	MCL	No
85PLT01301 (MID)	4/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01301 (MID)	5/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01301 (MID)	6/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT01301 (MID)	7/29/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT01301 (MID)	8/31/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT01301 (MID)	9/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	1.9	0.2	1	5	MCL	No
85PLT01302 (MID)	1/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	1.1	0.2	1	5	MCL	No
85PLT01302 (MID)	11/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT01302 (MID)	12/28/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT02201 (MID)	1/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT02201 (MID)	1/26/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
85PLT02201 (MID)	2/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT02201 (MID)	3/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT02201 (MID)	4/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT02201 (MID)	4/26/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
85PLT02201 (MID)	5/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT02201 (MID)	5/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
85PLT02201 (MID)	6/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT02201 (MID)	6/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.28	1	5	MCL	No
85PLT02201 (MID)	7/29/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT02201 (MID)	7/29/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.5	0.28	1	5	MCL	No
85PLT02202 (MID)	9/27/2011	N/A	WW	SW8260B	1,1,1-TRICHLOROETHANE	BRL	0.18	1	200	MCL	No
85PLT02202 (MID)	10/27/2011	N/A	WW	SW8260B	1,1,1-TRICHLOROETHANE	BRL	0.18	1	200	MCL	No

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Southwest Plumes 2011 Summary Letter Report

Location Identification	Sample Date	Sample Elevation (ft msl)	Matrix	Test	Analyte	Result	DL	RL	Standard	Type[1,2,3]	Standard Exceeded?
						All units = µg/L					
85PLT02301 (MID)	1/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT02301 (MID)	1/26/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
85PLT02301 (MID)	1/26/2011	N/A	WW	SW8260B	1,1,1-TRICHLOROETHANE	BRL	0.18	1	200	MCL	No
85PLT02301 (MID)	2/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT02301 (MID)	2/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
85PLT02301 (MID)	2/25/2011	N/A	WW	SW8260B	1,1,1-TRICHLOROETHANE	BRL	0.18	1	200	MCL	No
85PLT02301 (MID)	3/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT02301 (MID)	4/26/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT02301 (MID)	4/26/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
85PLT02301 (MID)	5/25/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.2	1	5	MCL	No
85PLT02301 (MID)	5/25/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	BRL	0.19	1	5	MCL	No
85PLT02301 (MID)	6/27/2011	N/A	WW	SW8260B	TRICHLOROETHENE (TCE)	BRL	0.27	1	5	MCL	No
85PLT02301 (MID)	6/27/2011	N/A	WW	SW8260B	TETRACHLOROETHENE (PCE)	1.2	0.28	1	5	MCL	No
85PLT02302 (MID)	9/27/2011	N/A	WW	SW8260B	1,1,1-TRICHLOROETHANE	BRL	0.18	1	200	MCL	No

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Notes:

1. MCLs from Environmental Protection Agency (EPA) web page, http://water.epa.gov/drink/contaminants/
2. MMCLs from Massachusetts Department of Environmental Protection (MassDEP) web page, http://www.mass.gov/dep/water/dwstand.pdf.
3. GW-1 = MassDEP MCP Method 1 Groundwater-1 Standards from MassDEP web page http://www.mass.gov/dep/cleanup/laws/0974_2.htm.

Detections of tert-butyl methyl ether (MTBE), chloromethane, and the trihalomethanes (chloroform, bromodichloromethane, dibromochloromethane, and bromoform) are not included because they are not considered MMR plume-related compounds.

Key:

BRL = below the reporting limit
DL = detection limit
EFF = treatment plant effluent
ft msl = feet mean sea level
GW-1 = Groundwater-1
HA = EPA Health Advisory
INF = treatment plant influent
MCL = Maximum Contaminant Level
MID = treatment plant midpoint sample
MMCL = Massachusetts MCL
N/A = not applicable
ORSG = Office of Research and Standards Guidance (MassDEP)
RL = reporting limit
WA = groundwater sample collected via direct push drilling
WG = groundwater sample
WW = plant water
µg/L = micrograms per liter

ATTACHMENT B

Direct Push Groundwater Vertical Profile Results

81DP1010

81DP1011

81DP1012

81DP1013

CS-20 Direct Push Vertical Profile Results
Direct Push Location 81DP1010

Sample Interval	Sample Date	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Screen Depth (ft bgs)	Mid-Screen Elevation (ft msl)	PCE (µg/L) MCL = 5
A	2/9/2011	60	65	62.5	38.5	ND
B	2/9/2011	70	75	72.5	28.5	ND
C	2/9/2011	80	85	82.5	18.5	ND
D	2/9/2011	90	95	92.5	8.5	ND
E	2/11/2011	100	105	102.5	-1.5	ND
F	2/11/2011	110	115	112.5	-11.5	BRL
G	2/11/2011	120	125	122.5	-21.5	BRL
H	2/14/2011	130	135	132.5	-31.5	BRL

Data Source: AFCEE, February 2011, MMR-AFCEE Data Warehouse.

Key:

BOS = bottom of sample
BRL = below reporting limit (1 µg/L)
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
ND = not detected
PCE = tetrachloroethene
TOS = top of sample
µg/L = micrograms per liter

Notes:

Analytical sampling methods for the specified parameters: VOC (SW846 8260B).
Approximate ground level elevation 101 ft msl.
Boring refusal was obtained at ~ 137 ft bgs (~ -36 ft msl).

CS-20 Direct Push Vertical Profile Results
Direct Push Location 81DP1011

Sample Interval	Sample Date	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Screen Depth (ft bgs)	Mid-Screen Elevation (ft msl)	PCE (µg/L) MCL = 5
A	2/16/2011	65	70	67.5	39.5	ND
B	2/16/2011	75	80	77.5	23.5	ND
C	2/16/2011	85	90	87.5	13.5	ND
D	2/16/2011	95	100	97.5	3.5	ND
E	2/16/2011	105	110	107.5	-6.5	ND
F	2/17/2011	115	120	117.5	-16.5	ND
G	2/17/2011	125	130	127.5	-26.5	ND
H	2/17/2011	135	140	137.5	-36.5	ND
I	2/17/2011	145	150	147.5	-46.5	ND
J	2/17/2011	155	160	157.5	-56.5	ND

Data Source: AFCEE, February 2011, MMR-AFCEE Data Warehouse.

Key:

BOS = bottom of sample
BRL = below reporting limit (1 µg/L)
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
ND = not detected
PCE = tetrachloroethene
TOS = top of sample
µg/L = micrograms per liter

Notes:
Analytical sampling methods for the specified parameters: VOC (SW846 8260B).
Approximate ground level elevation 107 ft msl.
Boring refusal was obtained at ~ 160 ft bgs (~ -59 ft msl).

CS-20 Direct Push Vertical Profile Results
Direct Push Location 81DP1012

Sample Interval	Sample Date	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Screen Depth (ft bgs)	Mid-Screen Elevation (ft msl)	PCE (µg/L) MCL = 5
A	2/24/2011	30	35	32.5	45.5	ND
B	2/24/2011	40	45	42.5	35.5	ND
C	2/24/2011	50	55	52.5	25.5	ND
D	2/24/2011	60	65	62.5	15.5	ND
E	2/24/2011	70	75	72.5	5.5	ND
F	2/24/2011	80	85	82.5	-4.5	ND
G	2/24/2011	90	95	92.5	-14.5	ND
H	2/24/2011	100	105	102.5	-24.5	ND
I	2/25/2011	110	115	112.5	-34.5	ND
J	2/25/2011	120	125	122.5	-44.5	ND

Data Source: AFCEE, February 2011, MMR-AFCEE Data Warehouse.

Key:

BOS = bottom of sample
BRL = below reporting limit (1 µg/L)
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
ND = not detected
PCE = tetrachloroethene
TOS = top of sample
µg/L = micrograms per liter

Notes:

Analytical sampling methods for the specified parameters: VOC (SW846 8260B).
Approximate ground level elevation 78 ft msl.
Boring refusal was obtained at ~ 128 ft bgs (~ -50 ft msl).

CS-20 Direct Push Vertical Profile Results
Direct Push Location 81DP1013

Sample Interval	Sample Date	Depth TOS (ft bgs)	Depth BOS (ft bgs)	Mid-Screen Depth (ft bgs)	Mid-Screen Elevation (ft msl)	PCE (µg/L) MCL = 5
A	3/3/2011	60	65	62.5	37.5	ND
B	3/3/2011	70	75	72.5	27.5	ND
C	3/3/2011	80	85	82.5	17.5	ND
D	3/3/2011	90	95	92.5	7.5	ND
E	3/3/2011	100	105	102.5	-2.5	ND
F	3/4/2011	110	115	112.5	-12.5	ND
G	3/4/2011	120	125	122.5	-22.5	ND
H	3/4/2011	130	135	132.5	-32.5	ND
I	3/4/2011	140	145	142.5	-42.5	ND
J	3/7/2011	150	155	152.5	-52.5	**6.5**
K	3/7/2011	160	165	162.5	-62.5	4.5

Data Source: AFCEE, March 2011, MMR-AFCEE Data Warehouse.

Key:

BOS = bottom of sample
BRL = below reporting limit (1 µg/L)
ft bgs = feet below ground surface
ft msl = feet mean sea level
MCL = Maximum Contaminant Level
ND = not detected
PCE = tetrachloroethene
TOS = top of sample
µg/L = micrograms per liter

Notes:

Bold values indicate an MCL exceedance
Analytical sampling methods for the specified parameters: VOC (SW846 8260B).
Approximate ground level elevation 100 ft msl.
Boring refusal was obtained at ~ 166 ft bgs (~ -66 ft msl).

ATTACHMENT C

Southwest Plumes 2011 SLR
Data Summary Report

Attachment C
Data Summary Report
Southwest Plumes 2011 Summary Letter Report

INTRODUCTION

The objective of this data summary report (DSR) is to assess the data quality of analytical results for samples collected for the Southwest Plumes System Performance and Ecological Impact Monitoring (SPEIM) Program at the Massachusetts Military Reservation (MMR) as presented in the *Southwest Plumes 2011 Summary Letter Report*. This report is intended as a general data quality assessment designed to summarize data issues.

ANALYTICAL DATA

This DSR covers 39 borehole samples with four field duplicate samples, 125 groundwater samples with 16 field duplicate samples, one surface water sample, and 96 wastewater samples. Field duplicates are not required for treatment facility plant samples. These samples were reported under 74 sample delivery groups. Samples were collected between 26 January 2011 and 29 December 2011. The analyses were performed by Analytics Environmental Laboratory LLC (ANAP) in Portsmouth, New Hampshire and Groundwater Analytical (GWAB) in Buzzards Bay, Massachusetts. Samples were collected and shipped by overnight carrier or delivered by courier to ANAP and delivered by courier to GWAB for analysis. Samples were analyzed for one or more of the analytes/methods provided in Table C-1.

Table C-1
Analytical Parameter

Parameter	Method	Laboratory
Ethylene Dibromide (EDB)	E504.1	ANAP
Volatile Organic Compounds (VOC)	E524.2	ANAP
VOCs	SW8260B	ANAP
VOCs (Screening Analysis)	Modified SW8260B	ANAP, GWAB

E = Environmental Protection Agency (EPA) Method
SW = SW 846 Test Methods for Evaluating Solid Waste, 3rd Edition, Revision 4, 1996

The data were assessed using the MMR SPEIM Quality Assurance Project Plan (QAPP)[1]. The assessment included a review of the following:

- Chain-of-Custody documentation
- Holding-time compliance
- Required quality control (QC) samples at the specified frequencies
- Method blanks
- Laboratory control spiking samples
- Surrogate spike recoveries
- Internal standards
- Matrix spike/matrix spike duplicate (MS/MSD) samples on a site/location basis
- Initial and continuing calibration information and other method-specific criteria as defined by the SPEIM QAPP

Field samples were reviewed to ascertain field compliance and data quality issues. This included a review of trip blanks (TB), equipment blanks (EB), and field duplicates.

Data were carried through data validation as described in the SPEIM QAPP and data flags were assigned according to the SPEIM QAPP. These flags, and the reason for each flag, were entered into the electronic database and can be found in Table C-2 (located at the end of this attachment). Multiple flags are routinely applied to specific sample method/matrix/analyte combinations, but there is only one final flag. A final flag is applied to the data, and is the most conservative of the applied validation flags. The final flag also includes matrix and blank sample impacts.

The data flags are listed in the SPEIM QAPP and are defined as follows:

- J = Analyte was present but the reported value may not be accurate or precise (estimated).
- R = Analyte result was unusable due to deficiencies in the ability to analyze the sample and meet QC criteria.

[1] AFCEE. 2011 (August). *AFCEE MMR SPEIM/LTM/O&M Program Quality Assurance Project Plan.* 404929-Program-Multiple-QAPP-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis ANG Base, MA.

- U = Analyte was not detected at the specified detection limit.
- UJ = Analyte was not detected and the specified detection limit may not be accurate or precise (estimated).
- S = Analyte was reported from the modified method SW8260B for screening data volatile organic compounds. The result is considered an estimated value

FINDINGS

The summaries of the data validation findings are contained in the following subsections and Table C-2.

Holding Times

All holding-time criteria were met.

Calibration

Initial and continuing calibrations were analyzed as required in every analytical batch and were in control. No calibration flags were applied.

Method Blanks

Method blanks were analyzed at the required frequency for each method.

Toluene was detected in a method SW8260B laboratory blank below the reporting limit. Four toluene detected results below the reporting limit were qualified as not detected and flagged "U" at the reporting limit.

Field Blanks

TBs and EBs were collected and analyzed at the required frequency.

Chloromethane was detected in TBs associated with method SW8260B samples analyses. Eight chloromethane detected results below the reporting limit were qualified as not detected and flagged "U" at the reporting limit.

Tetrachloroethene (PCE) was detected in a TB associated with modified method SW8260B sample analysis. One PCE result below the reporting limit was qualified as not detected and flagged "US" at the reporting limit.

Field Duplicates

Field duplicates were collected as required, and precision was acceptable. No field duplicate flags were applied.

Matrix Spike Samples

MS/MSDs were collected at the required frequency and provided acceptable accuracy and precision. No matrix flags were applied.

Surrogates

Surrogate recoveries met each method SPEIM QAPP criteria. No surrogate flags were applied.

Laboratory Control Samples

Laboratory control sample/laboratory control sample duplicates (LCS/LCSD) were analyzed as required and were in control with the following exception.

trans-1,2-Dichloroethene was less than the lower control limit in one LCS. Three associated nondetected sample results were qualified as estimated and flagged "UJ".

Confirmation Results

Confirmation samples were analyzed as required by method E504.1. No confirmation flags were applied.

Internal Standards

Internal standards were in control. No internal standard flags were applied.

Chain of Custody

No chain of custody anomalies were noted in the review.

Overall Assessment

The goal of this assessment is to demonstrate that a sufficient number of representative samples were collected and the resulting analytical data can be used to support the decision-making process. The procedures for assessing the precision, accuracy, representativeness, completeness, and comparability parameters (PARCC) are addressed in the SPEIM QAPP. The following summary highlights the PARCC findings for the above-defined events:

1. The completeness goal for valid usable data is 95 percent for aqueous samples and completeness for aqueous samples was 100 percent. The completeness goal was met for all compounds.

2. The routinely acceptable performance of field and laboratory QC indicators (field duplicates, field blanks, laboratory blanks, MS/MSDs, surrogate spikes, LCS/LCSD, and calibrations) shows that the precision and accuracy of the data generally met project objectives.

3. Sample results are representative and comparable to field conditions and past historical data because the field sampling and laboratory analyses were performed using standardized and documented procedures as defined in project documents. In addition, all results were reported with industry standard units. A minimum number of sample results were qualified due to blank contamination. Blank concentrations were relatively low in relation to the reporting limit and overall, reflect normal laboratory and field operating conditions.

Table C-2
Validation Flags[a]

Field ID	Method	Analyte	Final Result (µg/L)	Final Flag	Reason
CHPR0004A-A0311DIF	SW8260B	Toluene	1	U	LB<RL
CHPR0016A-A0311	SW8260B	Toluene	1	U	LB<RL
CHPR0016B-A0311DIF	SW8260B	Toluene	1	U	LB<RL
CHPR0514B-A0311	SW8260B	Toluene	1	U	LB<RL
CHTK01001-M0611	SW8260B	trans-1,2-Dichloroethene	0.2	UJ	LCS<LCL
CHTK01002-M0611	SW8260B	trans-1,2-Dichloroethene	0.2	UJ	LCS<LCL
CHTK01003-M0611	SW8260B	trans-1,2-Dichloroethene	0.2	UJ	LCS<LCL
CHTK01001-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHTK01002-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHTK01003-M0911	SW8260B	Chloromethane	1	U	TB<RL
CHTK01003-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHTK01102-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHTK01202-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHTK02202-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHTK02302-M1011	SW8260B	Chloromethane	1	U	TB<RL
CHPQ0019C-S0911DIFS	SW8260B	Tetrachloroethene	1	US	TB<RL

[a]Field samples and field duplicates only.
Table sorted by Reason, Analyte and Field ID.

Key:
LB = laboratory blank
LB<RL = laboratory blank contamination less than the RL
LCL = lower control limit
LCS = laboratory control sample
LCS<LCL = LCS recovery less than lower control limit
RL = reporting limit
TB = trip blank
TB<RL = trip blank concentration less than RL
U = nondetect
UJ = estimated nondetect
US = undetected screening

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.5	0.19	1	µg/L	
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.5	0.2	1	µg/L	
02EW0014	3/15/2011	CHPQ00014-Q0311	178.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02EW0014	6/16/2011	CHPQ00014-Q0611S	178.5	N2	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	BRL	0.16	1	µg/L	JS
02EW0014	6/16/2011	CHPQ00014-Q0611	178.5	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
02EW0014	6/16/2011	CHPQ00014-Q0611S	178.5	N2	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02EW0014	6/16/2011	CHPQ00014-Q0611S	178.5	N2	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
02EW0014	6/16/2011	CHPQ00014-Q0611S	178.5	N2	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
02EW0014	6/16/2011	CHPQ00014-Q0611S	178.5	N2	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
02EW0014	6/16/2011	CHPQ00014-Q0611S	178.5	N2	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
02EW0014	6/16/2011	CHPQ00014-Q0611S	178.5	N2	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5.4	0.28	1	µg/L	
02EW0014	6/16/2011	CHPQ00014-Q0611S	178.5	N2	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.4	0.27	1	µg/L	
02EW0014	6/16/2011	CHPQ00014-Q0611S	178.5	N2	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
02EW0014	9/21/2011	CHPQ00014-Q0911S	178.5	N2	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	µg/L	JS
02EW0014	9/21/2011	CHPQ00014-Q0911	178.5	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.009	µg/L	U
02EW0014	9/21/2011	CHPQ00014-Q0911S	178.5	N2	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
02EW0014	9/21/2011	CHPQ00014-Q0911S	178.5	N2	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
02EW0014	9/21/2011	CHPQ00014-Q0911S	178.5	N2	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
02EW0014	9/21/2011	CHPQ00014-Q0911S	178.5	N2	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
02EW0014	9/21/2011	CHPQ00014-Q0911S	178.5	N2	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	JS
02EW0014	9/21/2011	CHPQ00014-Q0911S	178.5	N2	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5.3	0.19	1	µg/L	S

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
02EW0014	9/21/2011	CHPQ00014-Q0911S	178.5	N2	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.8	0.2	1	µg/L	S
02EW0014	9/21/2011	CHPQ00014-Q0911S	178.5	N2	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
02EW0014	12/29/2011	CHPQ00014-Q1211S	178.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	µg/L	JS
02EW0014	12/29/2011	CHPQ00014-Q1211	178.5	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
02EW0014	12/29/2011	CHPQ00014-Q1211S	178.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
02EW0014	12/29/2011	CHPQ00014-Q1211	178.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
02EW0014	12/29/2011	CHPQ00014-Q1211	178.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
02EW0014	12/29/2011	CHPQ00014-Q1211S	178.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
02EW0014	12/29/2011	CHPQ00014-Q1211	178.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
02EW0014	12/29/2011	CHPQ00014-Q1211	178.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5.4	0.19	1	µg/L	S
02EW0014	12/29/2011	CHPQ00014-Q1211	178.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.6	0.2	1	µg/L	S
02EW0014	12/29/2011	CHPQ00014-Q1211	178.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.1	0.19	1	µg/L	
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.3	0.19	1	µg/L	
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
02EW0015	3/15/2011	CHPQ10015-Q0311	172	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02EW0015	3/15/2011	CHPQ00015-Q0311	172	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02EW0015	6/16/2011	CHPQ00015-Q0611S	172	N2	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	BRL	0.16	1	µg/L	JS
02EW0015	6/16/2011	CHPQ10015-Q0611S	172	FD2	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	BRL	0.16	1	µg/L	JS
02EW0015	6/16/2011	CHPQ10015-Q0611	172	FD1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
02EW0015	6/16/2011	CHPQ00015-Q0611	172	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
02EW0015	6/16/2011	CHPQ00015-Q0611S	172	N2	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02EW0015	6/16/2011	CHPQ10015-Q0611S	172	FD2	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02EW0015	6/16/2011	CHPQ10015-Q0611S	172	FD2	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
02EW0015	6/16/2011	CHPQ00015-Q0611S	172	N2	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
02EW0015	6/16/2011	CHPQ10015-Q0611S	172	FD2	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
02EW0015	6/16/2011	CHPQ00015-Q0611S	172	N2	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
02EW0015	6/16/2011	CHPQ00015-Q0611S	172	N2	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
02EW0015	6/16/2011	CHPQ10015-Q0611S	172	FD2	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
02EW0015	6/16/2011	CHPQ10015-Q0611S	172	FD2	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
02EW0015	6/16/2011	CHPQ00015-Q0611S	172	N2	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
02EW0015	6/16/2011	CHPQ10015-Q0611S	172	FD2	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4	0.28	1	µg/L	
02EW0015	6/16/2011	CHPQ00015-Q0611S	172	N2	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4	0.28	1	µg/L	
02EW0015	6/16/2011	CHPQ10015-Q0611S	172	FD2	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
02EW0015	6/16/2011	CHPQ00015-Q0611S	172	N2	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
02EW0015	6/16/2011	CHPQ00015-Q0611S	172	N2	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
02EW0015	6/16/2011	CHPQ10015-Q0611S	172	FD2	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
02EW0015	9/21/2011	CHPQ00015-Q0911S	172	N2	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	µg/L	JS
02EW0015	9/21/2011	CHPQ00015-Q0911	172	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
02EW0015	9/21/2011	CHPQ00015-Q0911S	172	N2	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
02EW0015	9/21/2011	CHPQ00015-Q0911S	172	N2	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
02EW0015	9/21/2011	CHPQ00015-Q0911S	172	N2	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
02EW0015	9/21/2011	CHPQ00015-Q0911S	172	N2	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
02EW0015	9/21/2011	CHPQ00015-Q0911S	172	N2	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
02EW0015	9/21/2011	CHPQ00015-Q0911S	172	N2	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.5	0.19	1	µg/L	S
02EW0015	9/21/2011	CHPQ00015-Q0911S	172	N2	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
02EW0015	9/21/2011	CHPQ00015-Q0911S	172	N2	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
02EW0015	12/29/2011	CHPQ00015-Q01211S	172	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	µg/L	JS
02EW0015	12/29/2011	CHPQ10015-Q01211S	172	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	µg/L	JS
02EW0015	12/29/2011	CHPQ00015-Q1211	172	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
02EW0015	12/29/2011	CHPQ10015-Q1211	172	FD1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
02EW0015	12/29/2011	CHPQ10015-Q01211S	172	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
02EW0015	12/29/2011	CHPQ00015-Q01211S	172	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
02EW0015	12/29/2011	CHPQ10015-Q01211S	172	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
02EW0015	12/29/2011	CHPQ00015-Q01211S	172	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
02EW0015	12/29/2011	CHPQ10015-Q01211S	172	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
02EW0015	12/29/2011	CHPQ00015-Q01211S	172	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
02EW0015	12/29/2011	CHPQ00015-Q01211S	172	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
02EW0015	12/29/2011	CHPQ10015-Q01211S	172	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
02EW0015	12/29/2011	CHPQ00015-Q01211S	172	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
02EW0015	12/29/2011	CHPQ10015-Q01211S	172	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
02EW0015	12/29/2011	CHPQ10015-Q01211S	172	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.1	0.19	1	µg/L	S
02EW0015	12/29/2011	CHPQ00015-Q01211S	172	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.2	0.19	1	µg/L	S
02EW0015	12/29/2011	CHPQ10015-Q01211S	172	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
02EW0015	12/29/2011	CHPQ00015-Q01211S	172	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
02EW0015	12/29/2011	CHPQ10015-Q01211S	172	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
02EW0015	12/29/2011	CHPQ00015-Q01211S	172	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	µg/L	J
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	7.9	0.19	1	µg/L	
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.8	0.2	1	µg/L	
02MW1205C	4/20/2011	CHPQ0205C-A0311	133	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	2.8	0.13	1	µg/L	
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	20	0.19	1	µg/L	
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.8	0.2	1	µg/L	
02MW1253	4/4/2011	CHPQ01253-A0311DIF	209.61	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.1	0.19	1	µg/L	
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
02MW1254	4/4/2011	CHPQ01254-A0311DIF	211.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
02MW1259A	4/4/2011	CHPQ0259A-A0311DIF	222.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	22	0.19	1	µg/L	
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	23	0.19	1	µg/L	
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.4	0.2	1	µg/L	
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.2	0.2	1	µg/L	
02MW1259B	4/4/2011	CHPQ0259B-A0311DIF	162.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02MW1259B	4/4/2011	CHPQ1259B-A0311DIF	162.5	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	5.5	0.19	1	µg/L	
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
02MW2000B	4/4/2011	CHPQ0000B-A0311DIF	122.35	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.2	0.19	1	µg/L	
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
02OW0015C	4/4/2011	CHPQ0015C-A0311DIF	153.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	12	0.19	1	µg/L	
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	12	0.19	1	µg/L	
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.1	0.2	1	µg/L	
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.2	0.2	1	µg/L	
02OW0016D	4/4/2011	CHPQ1016D-A0311DIF	174.3	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
02OW0016D	4/4/2011	CHPQ0016D-A0311DIF	174.3	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
69IG0015	4/29/2011	CHPW0015IG-A0511	260	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
69IG0016	4/29/2011	CHPW0016IG-A0511	197	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	CHLOROFORM	1	0.2	1	µg/L	
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW0018IG-A0511	94.56	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69IG0018	4/29/2011	CHPW1018IG-A0511	94.56	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	18	0.19	1	µg/L	
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.3	0.2	1	µg/L	
69MW1262	4/4/2011	CHPQ01262-A0311DIF	170.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	µg/L	J
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	8.2	0.19	1	µg/L	
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2	0.2	1	µg/L	
69MW1265	4/20/2011	CHPQ01265-A0311	229.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
69MW1267	4/20/2011	CHPQ01267-A0311	154.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	BRL	0.13	1	µg/L	J
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	17	0.19	1	µg/L	
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.4	0.2	1	µg/L	
69MW1281	4/11/2011	CHPQ01281-A0311DIF	197.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	BRL	0.2	1	µg/L	J
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.9	0.19	1	µg/L	
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.6	0.2	1	µg/L	
69MW1282	4/4/2011	CHPQ01282-A0311DIF	187.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	73	0.2	1	µg/L	
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	73	0.2	1	µg/L	
69MW1506B	4/21/2011	CHPR1506B-A0311	137.4	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1506B	4/21/2011	CHPR0506B-A0311	137.4	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,1,1,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,1,1-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,1,2,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,1,2-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,1-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,1-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,1-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROPROPANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,2,4-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,2,4-TRIMETHYLBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,2-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,2-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,3-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,3-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	1,4-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	2,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	2-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	4-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	BENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	BROMOBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	BROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	BROMODICHLOROMETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	BROMOFORM	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	BROMOMETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	CARBON TETRACHLORIDE	ND	0.25	0.5	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	CHLOROBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	CHLOROETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	CHLOROFORM	BRL	0.25	0.5	µg/L	J
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	CHLOROMETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	cis-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	cis-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	DIBROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	DIBROMOMETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	DICHLORODIFLUOROMETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	ETHYLBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	HEXACHLOROBUTADIENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	ISOPROPYLBENZENE (CUMENE)	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	M,P-XYLENE (SUM OF ISOMERS)	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	METHYLENE CHLORIDE	ND	0.5	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	NAPHTHALENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	n-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	n-PROPYLBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	SEC-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	STYRENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	t-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	tert-BUTYL METHYL ETHER	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	TETRACHLOROETHENE (PCE)	BRL	0.25	0.5	µg/L	J
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	TOLUENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	trans-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	trans-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	TRICHLOROETHENE (TCE)	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	TRICHLOROFLUOROMETHANE	ND	0.25	0.5	µg/L	U
69MW1507	3/2/2011	CHPQ01507-A0311DIF	152.4	N1	WG	E524.2	METHOD	VINYL CHLORIDE	ND	0.25	0.5	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	24	0.2	1	µg/L	
69MW1514A	4/1/2011	CHPR0514A-A0311DIF	285.6	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.4	0.2	1	µg/L	
69MW1514B	4/8/2011	CHPR0514B-A0311	164.75	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.2	0.19	1	µg/L	
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
69MW1517A	3/24/2011	CHPQ0517A-A0311DIF	232.7	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
69MW1517B	3/24/2011	CHPQ0517B-A0311DIF	153	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	12	0.2	1	µg/L	
69MW1534A	3/31/2011	CHPR0534A-A0311DIF	284.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1536A	3/31/2011	CHPR0536A-A0311DIF	276	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
69MW1536B	3/31/2011	CHPR0536B-A0311DIF	176	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.014	0.005	0.01	µg/L	
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	1.9	0.2	1	µg/L	
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
69MW1542	4/1/2011	CHPR01542-A0311DIF	222.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	BRL	0.005	0.01	µg/L	J
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	1.3	0.2	1	µg/L	
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
69MW1542	9/7/2011	CHPR0042B-S0911DIF	222.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	4.5	0.2	1	µg/L	
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
69MW1543	4/1/2011	CHPR01543-A0311DIF	277.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69MW1545A	4/1/2011	CHPR0545A-A0311DIF	254.5	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
69MW1603A	3/25/2011	CHPR0603A-A0311DIF	238.08	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
69SWDP01	4/27/2011	CHPV0DP01-S0511	N/A	N1	WS	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
80MW0001A	4/11/2011	CHPR0001A-A0311DIF	197.59	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
80MW0001B	4/11/2011	CHPR0001B-A0311DIF	172.77	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.012	0.005	0.01	µg/L	
80MW0002A	3/31/2011	CHPR0002A-A0311DIF	257.5	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
80MW0002B	3/31/2011	CHPR0002B-A0311DIF	172.5	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.016	0.005	0.01	µg/L	
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	BRL	0.005	0.01	µg/L	J
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	3.3	0.2	1	µg/L	
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
80MW0004A	4/8/2011	CHPR0004A-A0311DIF	285.44	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
80MW0004B	4/8/2011	CHPR0004B-A0311DIF	244.68	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	BRL	0.005	0.009	µg/L	J
80MW0006A	4/1/2011	CHPR0006A-A0311DIF	261.92	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
80MW0006A	9/22/2011	CHPR0006A-S0911DIF	261.92	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
80MW0006B	4/1/2011	CHPR0006B-A0311DIF	221.92	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
80MW0006B	9/7/2011	CHPR0006B-S0911DIF	221.92	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
80MW0008A	4/21/2011	CHPR0008A-A0311DIF	251.9	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
80MW0013A	3/31/2011	CHPR1013A-A0311DIF	272.64	FD1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.01	0.005	0.01	µg/L	
80MW0013A	3/31/2011	CHPR0013A-A0311DIF	272.64	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	0.011	0.005	0.01	µg/L	
80MW0014A	3/31/2011	CHPR0014A-A0311DIF	201.56	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.009	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	6.4	0.2	1	µg/L	
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
80MW0015A	4/1/2011	CHPR0015A-A0311DIF	272.38	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	5.5	0.2	1	µg/L	
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
80MW0015A	5/11/2011	CHPR0015A-R0311DIF	272.38	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	5.2	0.2	1	µg/L	
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
80MW0015A	9/7/2011	CHPR0015A-S0911DIF	272.38	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	5.8	0.2	1	µg/L	
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
80MW0015B	4/1/2011	CHPR0015B-A0311DIF	252.28	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	4.7	0.2	1	µg/L	
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
80MW0015B	5/11/2011	CHPR0015B-R0311DIF	252.28	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	BRL	0.005	0.01	µg/L	J
80MW0015B	9/7/2011	CHPR1015C-S0911DIF	252.28	FD1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	4.7	0.2	1	µg/L	
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
80MW0015B	9/7/2011	CHPR0015B-S0911DIF	252.28	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
80MW0015C	4/1/2011	CHPR0015C-A0311DIF	182.55	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.009	µg/L	U
80MW0015C	9/7/2011	CHPR0015C-S0911DIF	182.55	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.01	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	CHLOROFORM	2.1	0.2	1	µg/L	
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1010	2/9/2011	CHPQ01010A-O0211	62.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010B-O0211	72.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010C-O0211	82.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1010	2/9/2011	CHPQ01010D-O0211	92.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010E-O0211	102.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010F-O0211	112.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1010	2/11/2011	CHPQ01010G-O0211	122.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ11010H-O0211	132.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1010	2/14/2011	CHPQ01010H-O0211	132.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1011	2/16/2011	CHPQ01011A-O0211	67.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.6	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011B-O0211	77.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	21	0.18	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	22	0.18	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	19	0.13	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	20	0.13	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	BENZENE	19	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	BENZENE	20	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	21	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	23	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	23	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	24	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	ETHYLBENZENE	20	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	ETHYLBENZENE	22	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	40	0.4	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	44	0.4	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	21	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	22	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	22	0.19	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	24	0.19	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	TOLUENE	21	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	TOLUENE	22	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	17	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	18	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011C-O0211SD	87.5	SD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	21	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211MS	87.5	MS1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	22	0.2	1	µg/L	
81DP1011	2/16/2011	CHPQ01011C-O0211	87.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011D-O0211	97.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1011	2/16/2011	CHPQ01011E-O0211	107.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ11011F-O0211	117.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011F-O0211	117.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011G-O0211	127.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011H-O0211	137.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011I-O0211	147.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1011	2/17/2011	CHPQ01011J-O0211	157.3	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012A-O0211	32.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012B-O0211	42.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012C-O0211	52.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012D-O0211	62.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

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81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012E-O0211	72.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012F-O0211	82.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012G-O0211	92.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1012	2/24/2011	CHPQ01012H-O0211	102.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012I-O0211	112.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ11012I-O0211	112.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1012	2/25/2011	CHPQ01012J-O0211	122.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013A-O0311	62.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013B-O0311	72.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.4	0.2	1	µg/L	
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013C-O0311	82.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013D-O0311	92.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1013	3/3/2011	CHPQ01013E-O0311	102.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013F-O0311	112.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013G-O0311	122.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.4	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	CHLOROFORM	1.5	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013H-O0311	132.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ11013H-O0311	132.5	FD1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	22	0.18	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	22	0.18	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	18	0.13	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	18	0.13	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	BENZENE	17	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	BENZENE	17	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	22	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	22	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	CHLOROFORM	1.3	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	21	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	21	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	ETHYLBENZENE	20	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	ETHYLBENZENE	20	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	39	0.4	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	41	0.4	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	20	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	21	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	25	0.19	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	26	0.19	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	TOLUENE	19	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	TOLUENE	20	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	16	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	17	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1013	3/4/2011	CHPQ01013I-O0311SD	142.5	SD1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	20	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311MS	142.5	MS1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	21	0.2	1	µg/L	
81DP1013	3/4/2011	CHPQ01013I-O0311	142.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	6.5	0.19	1	µg/L	
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
81DP1013	3/7/2011	CHPQ01013J-O0311	152.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.5	0.19	1	µg/L	
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81DP1013	3/7/2011	CHPQ01013K-O0311	162.5	N1	WA	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.7	0.19	1	µg/L	
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
81EW0001	3/15/2011	CHPQ08101-Q0311	173.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81EW0001	6/16/2011	CHPQ08101-Q0611S	173.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
81EW0001	6/16/2011	CHPQ08101-Q0611S	173.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81EW0001	6/16/2011	CHPQ08101-Q0611S	173.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
81EW0001	6/16/2011	CHPQ08101-Q0611S	173.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
81EW0001	6/16/2011	CHPQ08101-Q0611S	173.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
81EW0001	6/16/2011	CHPQ08101-Q0611S	173.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
81EW0001	6/16/2011	CHPQ08101-Q0611S	173.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.28	1	µg/L	
81EW0001	6/16/2011	CHPQ08101-Q0611S	173.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
81EW0001	6/16/2011	CHPQ08101-Q0611S	173.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
81EW0001	8/24/2011	CHPQ00005-U0811S	173.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
81EW0001	8/24/2011	CHPQ00005-U0811S	173.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
81EW0001	8/24/2011	CHPQ00005-U0811S	173.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
81EW0001	8/24/2011	CHPQ00005-U0811S	173.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
81EW0001	8/24/2011	CHPQ00005-U0811S	173.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
81EW0001	8/24/2011	CHPQ00005-U0811S	173.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
81EW0001	8/24/2011	CHPQ00005-U0811S	173.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
81EW0001	8/24/2011	CHPQ00005-U0811S	173.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
81EW0001	8/24/2011	CHPQ00005-U0811S	173.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.6	0.19	1	µg/L	
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
81EW0001	9/7/2011	CHPQ00050-U0811	173.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.4	0.19	1	µg/L	
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
81EW0001	9/14/2011	CHPQ00100-U0911	173.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81EW0001	9/21/2011	CHPQ00200-U0911S	173.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81EW0001	9/21/2011	CHPQ00200-U0911S	173.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81EW0001	9/21/2011	CHPQ00200-U0911S	173.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81EW0001	9/21/2011	CHPQ00200-U0911S	173.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81EW0001	9/21/2011	CHPQ00200-U0911S	173.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81EW0001	9/21/2011	CHPQ00200-U0911S	173.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81EW0001	9/21/2011	CHPQ00200-U0911S	173.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.4	0.19	1	µg/L	S
81EW0001	9/21/2011	CHPQ00200-U0911S	173.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
81EW0001	9/21/2011	CHPQ00200-U0911S	173.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81EW0001	10/12/2011	CHPQ00005-L0911S	173.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81EW0001	10/12/2011	CHPQ00005-L0911S	173.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81EW0001	10/12/2011	CHPQ00005-L0911S	173.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81EW0001	10/12/2011	CHPQ00005-L0911S	173.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81EW0001	10/12/2011	CHPQ00005-L0911S	173.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81EW0001	10/12/2011	CHPQ00005-L0911S	173.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81EW0001	10/12/2011	CHPQ00005-L0911S	173.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.6	0.19	1	µg/L	S
81EW0001	10/12/2011	CHPQ00005-L0911S	173.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
81EW0001	10/12/2011	CHPQ00005-L0911S	173.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81EW0001	10/19/2011	CHPQ00050-L0911S	173.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81EW0001	10/19/2011	CHPQ00050-L0911S	173.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81EW0001	10/19/2011	CHPQ00050-L0911S	173.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81EW0001	10/19/2011	CHPQ00050-L0911S	173.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81EW0001	10/19/2011	CHPQ00050-L0911S	173.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81EW0001	10/19/2011	CHPQ00050-L0911S	173.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81EW0001	10/19/2011	CHPQ00050-L0911S	173.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.2	0.19	1	µg/L	S
81EW0001	10/19/2011	CHPQ00050-L0911S	173.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
81EW0001	10/19/2011	CHPQ00050-L0911S	173.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81EW0001	10/26/2011	CHPQ00100-L1011S	173.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81EW0001	10/26/2011	CHPQ00100-L1011S	173.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81EW0001	10/26/2011	CHPQ00100-L1011S	173.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81EW0001	10/26/2011	CHPQ00100-L1011S	173.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81EW0001	10/26/2011	CHPQ00100-L1011S	173.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81EW0001	10/26/2011	CHPQ00100-L1011S	173.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81EW0001	10/26/2011	CHPQ00100-L1011S	173.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2	0.19	1	µg/L	S
81EW0001	10/26/2011	CHPQ00100-L1011S	173.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
81EW0001	10/26/2011	CHPQ00100-L1011S	173.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81EW0001	11/22/2011	CHPQ00200-L1011S	173.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81EW0001	11/22/2011	CHPQ00200-L1011S	173.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81EW0001	11/22/2011	CHPQ00200-L1011S	173.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81EW0001	11/22/2011	CHPQ00200-L1011S	173.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81EW0001	11/22/2011	CHPQ00200-L1011S	173.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81EW0001	11/22/2011	CHPQ00200-L1011S	173.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81EW0001	11/22/2011	CHPQ00200-L1011S	173.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.9	0.19	1	µg/L	S
81EW0001	11/22/2011	CHPQ00200-L1011S	173.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
81EW0001	11/22/2011	CHPQ00200-L1011S	173.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81EW0001	12/29/2011	CHPQ08101-Q1211S	173.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81EW0001	12/29/2011	CHPQ08101-Q1211S	173.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81EW0001	12/29/2011	CHPQ08101-Q1211S	173.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81EW0001	12/29/2011	CHPQ08101-Q1211S	173.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81EW0001	12/29/2011	CHPQ08101-Q1211S	173.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81EW0001	12/29/2011	CHPQ08101-Q1211S	173.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81EW0001	12/29/2011	CHPQ08101-Q1211S	173.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.2	0.19	1	µg/L	S
81EW0001	12/29/2011	CHPQ08101-Q1211S	173.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
81EW0001	12/29/2011	CHPQ08101-Q1211S	173.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	8.7	0.19	1	µg/L	
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
81EW0002	3/15/2011	CHPQ08102-Q0311	196	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81EW0002	6/16/2011	CHPQ08102-Q0611S	196	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
81EW0002	6/16/2011	CHPQ08102-Q0611S	196	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81EW0002	6/16/2011	CHPQ08102-Q0611S	196	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
81EW0002	6/16/2011	CHPQ08102-Q0611S	196	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
81EW0002	6/16/2011	CHPQ08102-Q0611S	196	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
81EW0002	6/16/2011	CHPQ08102-Q0611S	196	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
81EW0002	6/16/2011	CHPQ08102-Q0611S	196	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.8	0.28	1	µg/L	
81EW0002	6/16/2011	CHPQ08102-Q0611S	196	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	U
81EW0002	6/16/2011	CHPQ08102-Q0611S	196	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
81EW0002	9/21/2011	CHPQ08102-Q0911S	196	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81EW0002	9/21/2011	CHPQ08102-Q0911S	196	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81EW0002	9/21/2011	CHPQ08102-Q0911S	196	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81EW0002	9/21/2011	CHPQ08102-Q0911S	196	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81EW0002	9/21/2011	CHPQ08102-Q0911S	196	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81EW0002	9/21/2011	CHPQ08102-Q0911S	196	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81EW0002	9/21/2011	CHPQ08102-Q0911S	196	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.3	0.19	1	µg/L	S
81EW0002	9/21/2011	CHPQ08102-Q0911S	196	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
81EW0002	9/21/2011	CHPQ08102-Q0911S	196	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81EW0002	12/29/2011	CHPQ08102-Q1211S	196	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81EW0002	12/29/2011	CHPQ08102-Q1211S	196	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81EW0002	12/29/2011	CHPQ08102-Q1211S	196	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81EW0002	12/29/2011	CHPQ08102-Q1211S	196	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81EW0002	12/29/2011	CHPQ08102-Q1211S	196	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81EW0002	12/29/2011	CHPQ08102-Q1211S	196	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81EW0002	12/29/2011	CHPQ08102-Q1211S	196	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4	0.19	1	µg/L	S
81EW0002	12/29/2011	CHPQ08102-Q1211S	196	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
81EW0002	12/29/2011	CHPQ08102-Q1211S	196	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	19	0.19	1	µg/L	
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	20	0.19	1	µg/L	
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ1003B-A0311DIF	72.36	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81MW0003B	3/24/2011	CHPQ0003B-A0311DIF	72.36	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	13	0.19	1	µg/L	
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81MW0005B	4/11/2011	CHPQ0005B-A0311DIF	157	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
81MW0006A	3/24/2011	CHPQ0006A-A0311DIF	242.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81MW0007B	4/11/2011	CHPQ0007B-A0311DIF	101.6	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	7.2	0.19	1	µg/L	
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81MW0011A	3/24/2011	CHPQ0011A-A0311DIF	232.27	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	14	0.19	1	µg/L	
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	16	0.19	1	µg/L	
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ1011B-A0311DIF	152.26	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81MW0011B	3/24/2011	CHPQ0011B-A0311DIF	152.26	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,1,1,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,1,1-TRICHLOROETHANE	BRL	0.25	0.5	µg/L	J
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,1,2,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,1,2-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,1-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,1-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,1-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,2,4-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,2,4-TRIMETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,2-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,2-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,3-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,3-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	1,4-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	2,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	2-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	4-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	BENZENE	ND	0.25	0.5	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	BROMOBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	BROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	BROMODICHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	BROMOFORM	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	BROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	CARBON TETRACHLORIDE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	CHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	CHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	CHLOROFORM	BRL	0.25	0.5	µg/L	J
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	CHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	cis-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	cis-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	DIBROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	DIBROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	DICHLORODIFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	ETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	HEXACHLOROBUTADIENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	ISOPROPYLBENZENE (CUMENE)	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	M,P-XYLENE (SUM OF ISOMERS)	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	METHYLENE CHLORIDE	ND	0.5	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	NAPHTHALENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	n-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	n-PROPYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	SEC-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	STYRENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	t-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	tert-BUTYL METHYL ETHER	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	TETRACHLOROETHENE (PCE)	17	0.25	0.5	µg/L	
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	TOLUENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	trans-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	trans-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	TRICHLOROETHENE (TCE)	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	TRICHLOROFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013A	3/2/2011	CHPQ0013A-A0311DIF	172.41	N1	WG	E524.2	METHOD	VINYL CHLORIDE	ND	0.25	0.5	µg/L	U
81MW0013A	9/22/2011	CHPQ0013A-S0911DIFS	172.41	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81MW0013A	9/22/2011	CHPQ0013A-S0911DIFS	172.41	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81MW0013A	9/22/2011	CHPQ0013A-S0911DIFS	172.41	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81MW0013A	9/22/2011	CHPQ0013A-S0911DIFS	172.41	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81MW0013A	9/22/2011	CHPQ0013A-S0911DIFS	172.41	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81MW0013A	9/22/2011	CHPQ0013A-S0911DIFS	172.41	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81MW0013A	9/22/2011	CHPQ0013A-S0911DIFS	172.41	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	15	0.19	1	µg/L	S
81MW0013A	9/22/2011	CHPQ0013A-S0911DIFS	172.41	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
81MW0013A	9/22/2011	CHPQ0013A-S0911DIFS	172.41	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,1,1,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,1,1-TRICHLOROETHANE	6.5	0.25	0.5	µg/L	
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,1,2,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,1,2-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,1-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,1-DICHLOROETHENE	3.1	0.25	0.5	µg/L	
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,1-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,2,4-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,2,4-TRIMETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.25	0.5	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,2-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,2-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,3-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,3-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	1,4-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	2,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	2-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	4-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	BENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	BROMOBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	BROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	BROMODICHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	BROMOFORM	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	BROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	CARBON TETRACHLORIDE	BRL	0.25	0.5	µg/L	J
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	CHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	CHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	CHLOROFORM	BRL	0.25	0.5	µg/L	J
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	CHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	cis-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	cis-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	DIBROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	DIBROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	DICHLORODIFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	ETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	HEXACHLOROBUTADIENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	ISOPROPYLBENZENE (CUMENE)	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	M,P-XYLENE (SUM OF ISOMERS)	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	METHYLENE CHLORIDE	ND	0.5	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	NAPHTHALENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	n-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	n-PROPYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	SEC-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	STYRENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	t-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	tert-BUTYL METHYL ETHER	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	TOLUENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	trans-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	trans-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	TRICHLOROETHENE (TCE)	BRL	0.25	0.5	µg/L	J
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	TRICHLOROFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0013B	3/2/2011	CHPQ0013B-A0311DIF	242.24	N1	WG	E524.2	METHOD	VINYL CHLORIDE	ND	0.25	0.5	µg/L	U
81MW0013B	9/22/2011	CHPQ0013B-S0911DIFS	242.24	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81MW0013B	9/22/2011	CHPQ1013B-S0911DIFS	242.24	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81MW0013B	9/22/2011	CHPQ1013B-S0911DIFS	242.24	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81MW0013B	9/22/2011	CHPQ0013B-S0911DIFS	242.24	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81MW0013B	9/22/2011	CHPQ1013B-S0911DIFS	242.24	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81MW0013B	9/22/2011	CHPQ0013B-S0911DIFS	242.24	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81MW0013B	9/22/2011	CHPQ1013B-S0911DIFS	242.24	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	BRL	0.2	1	µg/L	JS
81MW0013B	9/22/2011	CHPQ0013B-S0911DIFS	242.24	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	BRL	0.2	1	µg/L	JS
81MW0013B	9/22/2011	CHPQ1013B-S0911DIFS	242.24	FD1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81MW0013B	9/22/2011	CHPQ0013B-S0911DIFS	242.24	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81MW0013B	9/22/2011	CHPQ0013B-S0911DIFS	242.24	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0013B	9/22/2011	CHPQ1013B-S0911DIFS	242.24	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81MW0013B	9/22/2011	CHPQ1013B-S0911DIFS	242.24	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	31	0.19	1	µg/L	S
81MW0013B	9/22/2011	CHPQ0013B-S0911DIFS	242.24	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	31	0.19	1	µg/L	S
81MW0013B	9/22/2011	CHPQ0013B-S0911DIFS	242.24	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
81MW0013B	9/22/2011	CHPQ1013B-S0911DIFS	242.24	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
81MW0013B	9/22/2011	CHPQ1013B-S0911DIFS	242.24	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81MW0013B	9/22/2011	CHPQ0013B-S0911DIFS	242.24	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.1	0.19	1	µg/L	
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
81MW0017B	4/11/2011	CHPQ0017B-A0311DIF	122.69	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,1,1,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,1,1-TRICHLOROETHANE	2.2	0.25	0.5	µg/L	
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,1,2,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,1,2-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,1-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,1-DICHLOROETHENE	1	0.25	0.5	µg/L	
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,1-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,2,4-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,2,4-TRIMETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.25	0.5	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,2-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,2-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,3-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,3-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	1,4-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	2,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	2-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	4-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	BENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	BROMOBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	BROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	BROMODICHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	BROMOFORM	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	BROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	CARBON TETRACHLORIDE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	CHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	CHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	CHLOROFORM	BRL	0.25	0.5	µg/L	J
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	CHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	cis-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	cis-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	DIBROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	DIBROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	DICHLORODIFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	ETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	HEXACHLOROBUTADIENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	ISOPROPYLBENZENE (CUMENE)	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	M,P-XYLENE (SUM OF ISOMERS)	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	METHYLENE CHLORIDE	ND	0.5	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	NAPHTHALENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	n-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	n-PROPYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	SEC-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	STYRENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	t-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	tert-BUTYL METHYL ETHER	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	TETRACHLOROETHENE (PCE)	3.3	0.25	0.5	µg/L	
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	TOLUENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	trans-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	trans-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	TRICHLOROETHENE (TCE)	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	TRICHLOROFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018A	3/2/2011	CHPQ0018A-A0311DIF	220.5	N1	WG	E524.2	METHOD	VINYL CHLORIDE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,1,1,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,1,1,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,1,1-TRICHLOROETHANE	BRL	0.25	0.5	µg/L	J
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,1,1-TRICHLOROETHANE	BRL	0.25	0.5	µg/L	J
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,1,2,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,1,2,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,1,2-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,1,2-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,1-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,1-DICHLOROETHANE	ND	0.25	0.5	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,1-DICHLOROETHENE	BRL	0.25	0.5	µg/L	J
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,1-DICHLOROETHENE	BRL	0.25	0.5	µg/L	J
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,1-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,1-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,2,3-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,2,3-TRICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,2,4-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,2,4-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,2,4-TRIMETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,2,4-TRIMETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,2-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,2-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,2-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,2-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,3-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,3-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,3-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,3-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	1,4-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	1,4-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	2,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	2,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	2-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	2-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	4-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	4-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	BENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	BENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	BROMOBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	BROMOBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	BROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	BROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	BROMODICHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	BROMODICHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	BROMOFORM	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	BROMOFORM	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	BROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	BROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	CARBON TETRACHLORIDE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	CARBON TETRACHLORIDE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	CHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	CHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	CHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	CHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	CHLOROFORM	BRL	0.25	0.5	µg/L	J
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	CHLOROFORM	BRL	0.25	0.5	µg/L	J
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	CHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	CHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	cis-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	cis-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	cis-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	cis-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	DIBROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	DIBROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	DIBROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	DIBROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	DICHLORODIFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	DICHLORODIFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	ETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	ETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	HEXACHLOROBUTADIENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	HEXACHLOROBUTADIENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	ISOPROPYLBENZENE (CUMENE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	ISOPROPYLBENZENE (CUMENE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	M,P-XYLENE (SUM OF ISOMERS)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	M,P-XYLENE (SUM OF ISOMERS)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	METHYLENE CHLORIDE	ND	0.5	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	METHYLENE CHLORIDE	ND	0.5	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	NAPHTHALENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	NAPHTHALENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	n-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	n-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	n-PROPYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	n-PROPYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	SEC-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	SEC-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	STYRENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	STYRENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	t-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	t-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	tert-BUTYL METHYL ETHER	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	tert-BUTYL METHYL ETHER	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	TETRACHLOROETHENE (PCE)	8.6	0.25	0.5	µg/L	
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	TETRACHLOROETHENE (PCE)	8.7	0.25	0.5	µg/L	
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	TOLUENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	TOLUENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	trans-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	trans-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	trans-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	trans-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	TRICHLOROETHENE (TCE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	TRICHLOROETHENE (TCE)	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	TRICHLOROFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	TRICHLOROFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ1018B-A0311DIF	114.5	FD1	WG	E524.2	METHOD	VINYL CHLORIDE	ND	0.25	0.5	µg/L	U
81MW0018B	3/2/2011	CHPQ0018B-A0311DIF	114.5	N1	WG	E524.2	METHOD	VINYL CHLORIDE	ND	0.25	0.5	µg/L	U
81MW0018B	9/22/2011	CHPQ0018B-S0911DIFS	114.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81MW0018B	9/22/2011	CHPQ0018B-S0911DIFS	114.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81MW0018B	9/22/2011	CHPQ0018B-S0911DIFS	114.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81MW0018B	9/22/2011	CHPQ0018B-S0911DIFS	114.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81MW0018B	9/22/2011	CHPQ0018B-S0911DIFS	114.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
81MW0018B	9/22/2011	CHPQ0018B-S0911DIFS	114.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0018B	9/22/2011	CHPQ0018B-S0911DIFS	114.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.6	0.19	1	µg/L	S
81MW0018B	9/22/2011	CHPQ0018B-S0911DIFS	114.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
81MW0018B	9/22/2011	CHPQ0018B-S0911DIFS	114.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,1,1,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,1,1-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,1,2,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,1,2-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,1-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,1-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,1-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,2,4-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,2,4-TRIMETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,2-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,2-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,3-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,3-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	1,4-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	2,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	2-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	4-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	BENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	BROMOBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	BROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	BROMODICHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	BROMOFORM	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	BROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	CARBON TETRACHLORIDE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	CHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	CHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	CHLOROFORM	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	CHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	cis-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	cis-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	DIBROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	DIBROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	DICHLORODIFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	ETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	HEXACHLOROBUTADIENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	ISOPROPYLBENZENE (CUMENE)	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	M,P-XYLENE (SUM OF ISOMERS)	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	METHYLENE CHLORIDE	ND	0.5	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	NAPHTHALENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	n-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	n-PROPYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	SEC-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	STYRENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	t-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	tert-BUTYL METHYL ETHER	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	TETRACHLOROETHENE (PCE)	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	TOLUENE	ND	0.25	0.5	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	trans-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	trans-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	TRICHLOROETHENE (TCE)	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	TRICHLOROFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019A	3/2/2011	CHPQ0019A-A0311DIF	234.7	N1	WG	E524.2	METHOD	VINYL CHLORIDE	ND	0.25	0.5	µg/L	U
81MW0019A	9/22/2011	CHPQ0019A-S0911DIFS	234.7	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81MW0019A	9/22/2011	CHPQ0019A-S0911DIFS	234.7	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81MW0019A	9/22/2011	CHPQ0019A-S0911DIFS	234.7	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81MW0019A	9/22/2011	CHPQ0019A-S0911DIFS	234.7	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81MW0019A	9/22/2011	CHPQ0019A-S0911DIFS	234.7	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
81MW0019A	9/22/2011	CHPQ0019A-S0911DIFS	234.7	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81MW0019A	9/22/2011	CHPQ0019A-S0911DIFS	234.7	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
81MW0019A	9/22/2011	CHPQ0019A-S0911DIFS	234.7	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
81MW0019A	9/22/2011	CHPQ0019A-S0911DIFS	234.7	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,1,1,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,1,1-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,1,2,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,1,2-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,1-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,1-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,1-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,2,4-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,2,4-TRIMETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,2-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,2-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,3-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,3-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	1,4-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	2,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	2-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	4-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	BENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	BROMOBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	BROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	BROMODICHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	BROMOFORM	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	BROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	CARBON TETRACHLORIDE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	CHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	CHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	CHLOROFORM	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	CHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	cis-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	cis-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	DIBROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	DIBROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	DICHLORODIFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	ETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	HEXACHLOROBUTADIENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	ISOPROPYLBENZENE (CUMENE)	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	M,P-XYLENE (SUM OF ISOMERS)	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	METHYLENE CHLORIDE	ND	0.5	0.5	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	NAPHTHALENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	n-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	n-PROPYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	SEC-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	STYRENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	t-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	tert-BUTYL METHYL ETHER	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	TETRACHLOROETHENE (PCE)	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	TOLUENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	trans-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	trans-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	TRICHLOROETHENE (TCE)	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	TRICHLOROFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019B	3/2/2011	CHPQ0019B-A0311DIF	143.75	N1	WG	E524.2	METHOD	VINYL CHLORIDE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,1,1,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,1,1-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,1,2,2-TETRACHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,1,2-TRICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,1-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,1-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,1-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,2,3-TRICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,2,4-TRICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,2,4-TRIMETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,2-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,2-DICHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,3,5-TRIMETHYLBENZENE (MESITYLENE)	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,3-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,3-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	1,4-DICHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	2,2-DICHLOROPROPANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	2-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	4-CHLOROTOLUENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	BENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	BROMOBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	BROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	BROMODICHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	BROMOFORM	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	BROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	CARBON TETRACHLORIDE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	CHLOROBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	CHLOROETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	CHLOROFORM	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	CHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	cis-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	cis-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	DIBROMOCHLOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	DIBROMOMETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	DICHLORODIFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	ETHYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	HEXACHLOROBUTADIENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	ISOPROPYLBENZENE (CUMENE)	ND	0.25	0.5	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	M,P-XYLENE (SUM OF ISOMERS)	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	METHYLENE CHLORIDE	ND	0.5	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	NAPHTHALENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	n-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	n-PROPYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	P-CYMENE (p-ISOPROPYLTOLUENE)	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	SEC-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	STYRENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	t-BUTYLBENZENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	tert-BUTYL METHYL ETHER	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	TETRACHLOROETHENE (PCE)	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	TOLUENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	trans-1,2-DICHLOROETHENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	trans-1,3-DICHLOROPROPENE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	TRICHLOROETHENE (TCE)	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	TRICHLOROFLUOROMETHANE	ND	0.25	0.5	µg/L	U
81MW0019C	3/2/2011	CHPQ0019C-A0311DIF	72.58	N1	WG	E524.2	METHOD	VINYL CHLORIDE	ND	0.25	0.5	µg/L	U
81MW0019C	9/22/2011	CHPQ0019C-S0911DIFS	72.58	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
81MW0019C	9/22/2011	CHPQ0019C-S0911DIFS	72.58	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
81MW0019C	9/22/2011	CHPQ0019C-S0911DIFS	72.58	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
81MW0019C	9/22/2011	CHPQ0019C-S0911DIFS	72.58	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
81MW0019C	9/22/2011	CHPQ0019C-S0911DIFS	72.58	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	US
81MW0019C	9/22/2011	CHPQ0019C-S0911DIFS	72.58	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
81MW0019C	9/22/2011	CHPQ0019C-S0911DIFS	72.58	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
81MW0019C	9/22/2011	CHPQ0019C-S0911DIFS	72.58	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
81MW0019C	9/22/2011	CHPQ0019C-S0911DIFS	72.58	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.7	0.2	1	µg/L	
82EW0001	3/15/2011	CHPR08201-Q0311	277.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82EW0001	6/16/2011	CHPR08201-Q0611S	277.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
82EW0001	6/16/2011	CHPR08201-Q0611S	277.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82EW0001	6/16/2011	CHPR08201-Q0611S	277.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
82EW0001	6/16/2011	CHPR08201-Q0611S	277.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
82EW0001	6/16/2011	CHPR08201-Q0611S	277.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
82EW0001	6/16/2011	CHPR08201-Q0611S	277.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
82EW0001	6/16/2011	CHPR08201-Q0611S	277.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	U
82EW0001	6/16/2011	CHPR08201-Q0611S	277.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	8.3	0.27	1	µg/L	
82EW0001	6/16/2011	CHPR08201-Q0611S	277.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
82EW0001	9/21/2011	CHPR08201-Q0911S	277.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
82EW0001	9/21/2011	CHPR08201-Q0911S	277.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
82EW0001	9/21/2011	CHPR08201-Q0911S	277.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
82EW0001	9/21/2011	CHPR08201-Q0911S	277.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
82EW0001	9/21/2011	CHPR08201-Q0911S	277.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
82EW0001	9/21/2011	CHPR08201-Q0911S	277.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
82EW0001	9/21/2011	CHPR08201-Q0911S	277.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	JS
82EW0001	9/21/2011	CHPR08201-Q0911S	277.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.9	0.2	1	µg/L	S
82EW0001	9/21/2011	CHPR08201-Q0911S	277.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
82EW0001	12/29/2011	CHPR08201-Q1211S	277.1	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
82EW0001	12/29/2011	CHPR08201-Q1211S	277.1	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
82EW0001	12/29/2011	CHPR08201-Q1211S	277.1	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
82EW0001	12/29/2011	CHPR08201-Q1211S	277.1	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
82EW0001	12/29/2011	CHPR08201-Q1211S	277.1	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
82EW0001	12/29/2011	CHPR08201-Q1211S	277.1	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
82EW0001	12/29/2011	CHPR08201-Q1211S	277.1	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
82EW0001	12/29/2011	CHPR08201-Q1211S	277.1	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.1	0.2	1	µg/L	S
82EW0001	12/29/2011	CHPR08201-Q1211S	277.1	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4	0.2	1	µg/L	
82EW0002	3/15/2011	CHPR08202-Q0311	263.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82EW0002	6/16/2011	CHPR08202-Q0611S	263.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
82EW0002	6/16/2011	CHPR08202-Q0611S	263.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82EW0002	6/16/2011	CHPR08202-Q0611S	263.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
82EW0002	6/16/2011	CHPR08202-Q0611S	263.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
82EW0002	6/16/2011	CHPR08202-Q0611S	263.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
82EW0002	6/16/2011	CHPR08202-Q0611S	263.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
82EW0002	6/16/2011	CHPR08202-Q0611S	263.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	U
82EW0002	6/16/2011	CHPR08202-Q0611S	263.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.9	0.27	1	µg/L	
82EW0002	6/16/2011	CHPR08202-Q0611S	263.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
82EW0002	9/21/2011	CHPR08202-Q0911S	263.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
82EW0002	9/21/2011	CHPR08202-Q0911S	263.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
82EW0002	9/21/2011	CHPR08202-Q0911S	263.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
82EW0002	9/21/2011	CHPR08202-Q0911S	263.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
82EW0002	9/21/2011	CHPR08202-Q0911S	263.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
82EW0002	9/21/2011	CHPR08202-Q0911S	263.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
82EW0002	9/21/2011	CHPR08202-Q0911S	263.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
82EW0002	9/21/2011	CHPR08202-Q0911S	263.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.5	0.2	1	µg/L	S
82EW0002	9/21/2011	CHPR08202-Q0911S	263.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
82EW0002	12/29/2011	CHPR08202-Q1211S	263.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
82EW0002	12/29/2011	CHPR08202-Q1211S	263.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
82EW0002	12/29/2011	CHPR08202-Q1211S	263.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
82EW0002	12/29/2011	CHPR08202-Q1211S	263.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
82EW0002	12/29/2011	CHPR08202-Q1211S	263.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
82EW0002	12/29/2011	CHPR08202-Q1211S	263.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
82EW0002	12/29/2011	CHPR08202-Q1211S	263.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
82EW0002	12/29/2011	CHPR08202-Q1211S	263.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	3.2	0.2	1	µg/L	S
82EW0002	12/29/2011	CHPR08202-Q1211S	263.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.2	0.2	1	µg/L	
82EW0003	3/15/2011	CHPR08203-Q0311	275	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82EW0003	6/16/2011	CHPR08203-Q0611S	275	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
82EW0003	6/16/2011	CHPR08203-Q0611S	275	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82EW0003	6/16/2011	CHPR08203-Q0611S	275	N1	WG	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
82EW0003	6/16/2011	CHPR08203-Q0611S	275	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
82EW0003	6/16/2011	CHPR08203-Q0611S	275	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
82EW0003	6/16/2011	CHPR08203-Q0611S	275	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
82EW0003	6/16/2011	CHPR08203-Q0611S	275	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	U
82EW0003	6/16/2011	CHPR08203-Q0611S	275	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
82EW0003	6/16/2011	CHPR08203-Q0611S	275	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
82EW0003	9/21/2011	CHPR08203-Q0911S	275	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
82EW0003	9/21/2011	CHPR08203-Q0911S	275	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
82EW0003	9/21/2011	CHPR08203-Q0911S	275	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
82EW0003	9/21/2011	CHPR08203-Q0911S	275	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	BRL	0.2	1	µg/L	JS
82EW0003	9/21/2011	CHPR08203-Q0911S	275	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
82EW0003	9/21/2011	CHPR08203-Q0911S	275	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
82EW0003	9/21/2011	CHPR08203-Q0911S	275	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
82EW0003	9/21/2011	CHPR08203-Q0911S	275	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.1	0.2	1	µg/L	S
82EW0003	9/21/2011	CHPR08203-Q0911S	275	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
82EW0003	12/29/2011	CHPR08203-Q1211S	275	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
82EW0003	12/29/2011	CHPR08203-Q1211S	275	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
82EW0003	12/29/2011	CHPR08203-Q1211S	275	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
82EW0003	12/29/2011	CHPR08203-Q1211S	275	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
82EW0003	12/29/2011	CHPR08203-Q1211S	275	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	JS
82EW0003	12/29/2011	CHPR08203-Q1211S	275	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
82EW0003	12/29/2011	CHPR08203-Q1211S	275	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
82EW0003	12/29/2011	CHPR08203-Q1211S	275	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	JS
82EW0003	12/29/2011	CHPR08203-Q1211S	275	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	31	0.2	1	µg/L	
82MW0007A	4/18/2011	CHPR0007A-A0311DIF	272.44	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	25	0.2	1	µg/L	
82MW0009A	4/18/2011	CHPR0009A-A0311DIF	312.4	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	50	0.2	1	µg/L	
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	51	0.2	1	µg/L	
82MW0010A	3/25/2011	CHPR0010A-A0311DIF	344.37	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0010A	3/25/2011	CHPR1010A-A0311DIF	344.37	FD1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	19	0.2	1	µg/L	
82MW0010B	3/25/2011	CHPR0010B-A0311DIF	242.88	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	31	0.2	1	µg/L	
82MW0012A	3/25/2011	CHPR0012A-A0311DIF	312.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	7.7	0.2	1	µg/L	
82MW0012B	3/25/2011	CHPR0012B-A0311DIF	252.5	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0013B	3/31/2011	CHPR0013B-A0311DIF	212.5	N1	WG	E504.1	METHOD	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.005	0.009	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
82MW0016A	4/8/2011	CHPR0016A-A0311	252.63	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
82MW0016B	4/8/2011	CHPR0016B-A0311DIF	211.96	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.6	0.2	1	µg/L	
82MW0021A	4/1/2011	CHPR0021A-A0311DIF	255	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	2.6	0.2	1	µg/L	
82MW0021A	9/7/2011	CHPR0021A-S0911DIF	255	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
82MW0021B	4/1/2011	CHPR0021B-A0311DIF	205	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
82MW0021B	9/22/2011	CHPR0021B-S0911DIFS	205	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	US
82MW0021B	9/22/2011	CHPR0021B-S0911DIFS	205	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	US
82MW0021B	9/22/2011	CHPR0021B-S0911DIFS	205	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	US
82MW0021B	9/22/2011	CHPR0021B-S0911DIFS	205	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	US
82MW0021B	9/22/2011	CHPR0021B-S0911DIFS	205	N1	WG	SW8260B	SW5030	CHLOROFORM	1.1	0.2	1	µg/L	S

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
82MW0021B	9/22/2011	CHPR0021B-S0911DIFS	205	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	US
82MW0021B	9/22/2011	CHPR0021B-S0911DIFS	205	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	US
82MW0021B	9/22/2011	CHPR0021B-S0911DIFS	205	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	US
82MW0021B	9/22/2011	CHPR0021B-S0911DIFS	205	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	US
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	CHLOROFORM	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
82MW0022A	4/18/2011	CHPR0022A-A0311DIF	137.64	N1	WG	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.9	0.2	1	µg/L	
85PLT01001	1/26/2011	CHTK01001-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5.1	0.2	1	µg/L	
85PLT01001	2/25/2011	CHTK01001-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.7	0.2	1	µg/L	
85PLT01001	3/25/2011	CHTK01001-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U

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Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.5	0.2	1	µg/L	
85PLT01001	4/26/2011	CHTK01001-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.5	0.2	1	µg/L	
85PLT01001	5/25/2011	CHTK01001-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	6/27/2011	CHTK01001-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
85PLT01001	6/27/2011	CHTK01001-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01001	6/27/2011	CHTK01001-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
85PLT01001	6/27/2011	CHTK01001-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
85PLT01001	6/27/2011	CHTK01001-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01001	6/27/2011	CHTK01001-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
85PLT01001	6/27/2011	CHTK01001-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	U
85PLT01001	6/27/2011	CHTK01001-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.6	0.27	1	µg/L	
85PLT01001	6/27/2011	CHTK01001-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
85PLT01001	7/29/2011	CHTK01001-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT01001	7/29/2011	CHTK01001-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT01001	7/29/2011	CHTK01001-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT01001	7/29/2011	CHTK01001-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT01001	7/29/2011	CHTK01001-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01001	7/29/2011	CHTK01001-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT01001	7/29/2011	CHTK01001-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
85PLT01001	7/29/2011	CHTK01001-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	5	0.27	1	µg/L	S
85PLT01001	7/29/2011	CHTK01001-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT01001	8/31/2011	CHTK01001-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT01001	8/31/2011	CHTK01001-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT01001	8/31/2011	CHTK01001-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT01001	8/31/2011	CHTK01001-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT01001	8/31/2011	CHTK01001-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01001	8/31/2011	CHTK01001-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT01001	8/31/2011	CHTK01001-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
85PLT01001	8/31/2011	CHTK01001-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.3	0.27	1	µg/L	S
85PLT01001	8/31/2011	CHTK01001-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.8	0.2	1	µg/L	
85PLT01001	9/27/2011	CHTK01001-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.3	0.2	1	µg/L	
85PLT01001	10/27/2011	CHTK01001-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.2	0.2	1	µg/L	
85PLT01001	11/28/2011	CHTK01001-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	4.3	0.2	1	µg/L	
85PLT01001	12/28/2011	CHTK01001-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.1	0.19	1	µg/L	
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01002	1/26/2011	CHTK01002-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.4	0.19	1	µg/L	
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.3	0.2	1	µg/L	
85PLT01002	2/25/2011	CHTK01002-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	2.2	0.19	1	µg/L	
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01002	3/25/2011	CHTK01002-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.3	0.19	1	µg/L	
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01002	4/26/2011	CHTK01002-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.2	0.19	1	µg/L	
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01002	5/25/2011	CHTK01002-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	6/27/2011	CHTK01002-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
85PLT01002	6/27/2011	CHTK01002-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01002	6/27/2011	CHTK01002-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
85PLT01002	6/27/2011	CHTK01002-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
85PLT01002	6/27/2011	CHTK01002-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01002	6/27/2011	CHTK01002-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
85PLT01002	6/27/2011	CHTK01002-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.1	0.28	1	µg/L	
85PLT01002	6/27/2011	CHTK01002-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT01002	6/27/2011	CHTK01002-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
85PLT01002	7/29/2011	CHTK01002-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT01002	7/29/2011	CHTK01002-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT01002	7/29/2011	CHTK01002-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT01002	7/29/2011	CHTK01002-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT01002	7/29/2011	CHTK01002-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01002	7/29/2011	CHTK01002-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT01002	7/29/2011	CHTK01002-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4.2	0.28	1	µg/L	S
85PLT01002	7/29/2011	CHTK01002-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT01002	7/29/2011	CHTK01002-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT01002	8/31/2011	CHTK01002-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT01002	8/31/2011	CHTK01002-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT01002	8/31/2011	CHTK01002-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT01002	8/31/2011	CHTK01002-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT01002	8/31/2011	CHTK01002-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01002	8/31/2011	CHTK01002-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT01002	8/31/2011	CHTK01002-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.9	0.28	1	µg/L	S
85PLT01002	8/31/2011	CHTK01002-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01002	8/31/2011	CHTK01002-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	4	0.19	1	µg/L	
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01002	9/27/2011	CHTK01002-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.5	0.19	1	µg/L	
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01002	10/27/2011	CHTK01002-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.1	0.19	1	µg/L	
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01002	11/28/2011	CHTK01002-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	3.4	0.19	1	µg/L	
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01002	12/28/2011	CHTK01002-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01003	1/26/2011	CHTK01003-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01003	2/25/2011	CHTK01003-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01003	3/25/2011	CHTK01003-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01003	4/26/2011	CHTK01003-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01003	5/25/2011	CHTK01003-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01003	6/27/2011	CHTK01003-M0711	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01003	7/29/2011	CHTK01003-M0811	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01003	8/31/2011	CHTK01003-M0911	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01003	9/27/2011	CHTK01003-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01003	10/27/2011	CHTK01003-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01003	11/28/2011	CHTK01003-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01003	12/28/2011	CHTK01003-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01101	10/27/2011	CHTK01101-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01101	11/28/2011	CHTK01101-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01101	12/28/2011	CHTK01101-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01102	1/26/2011	CHTK01102-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01102	2/25/2011	CHTK01102-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01102	3/25/2011	CHTK01102-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01102	4/26/2011	CHTK01102-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01102	5/25/2011	CHTK01102-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	6/27/2011	CHTK01102-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
85PLT01102	6/27/2011	CHTK01102-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01102	6/27/2011	CHTK01102-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
85PLT01102	6/27/2011	CHTK01102-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
85PLT01102	6/27/2011	CHTK01102-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01102	6/27/2011	CHTK01102-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
85PLT01102	6/27/2011	CHTK01102-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	U
85PLT01102	6/27/2011	CHTK01102-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT01102	6/27/2011	CHTK01102-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
85PLT01102	7/29/2011	CHTK01102-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT01102	7/29/2011	CHTK01102-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT01102	7/29/2011	CHTK01102-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT01102	7/29/2011	CHTK01102-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT01102	7/29/2011	CHTK01102-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01102	7/29/2011	CHTK01102-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT01102	7/29/2011	CHTK01102-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
85PLT01102	7/29/2011	CHTK01102-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT01102	7/29/2011	CHTK01102-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT01102	8/31/2011	CHTK01102-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT01102	8/31/2011	CHTK01102-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT01102	8/31/2011	CHTK01102-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT01102	8/31/2011	CHTK01102-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT01102	8/31/2011	CHTK01102-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01102	8/31/2011	CHTK01102-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT01102	8/31/2011	CHTK01102-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
85PLT01102	8/31/2011	CHTK01102-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT01102	8/31/2011	CHTK01102-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.3	0.2	1	µg/L	
85PLT01102	9/27/2011	CHTK01102-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01201	12/28/2011	CHTK01201-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01202	1/26/2011	CHTK01202-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01202	2/25/2011	CHTK01202-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01202	3/25/2011	CHTK01202-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01202	4/26/2011	CHTK01202-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01202	5/25/2011	CHTK01202-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	6/27/2011	CHTK01202-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
85PLT01202	6/27/2011	CHTK01202-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01202	6/27/2011	CHTK01202-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
85PLT01202	6/27/2011	CHTK01202-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
85PLT01202	6/27/2011	CHTK01202-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01202	6/27/2011	CHTK01202-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
85PLT01202	6/27/2011	CHTK01202-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	U
85PLT01202	6/27/2011	CHTK01202-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	U
85PLT01202	6/27/2011	CHTK01202-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
85PLT01202	7/29/2011	CHTK01202-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT01202	7/29/2011	CHTK01202-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT01202	7/29/2011	CHTK01202-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT01202	7/29/2011	CHTK01202-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT01202	7/29/2011	CHTK01202-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01202	7/29/2011	CHTK01202-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT01202	7/29/2011	CHTK01202-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
85PLT01202	7/29/2011	CHTK01202-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
85PLT01202	7/29/2011	CHTK01202-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT01202	8/31/2011	CHTK01202-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT01202	8/31/2011	CHTK01202-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT01202	8/31/2011	CHTK01202-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT01202	8/31/2011	CHTK01202-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT01202	8/31/2011	CHTK01202-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01202	8/31/2011	CHTK01202-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT01202	8/31/2011	CHTK01202-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
85PLT01202	8/31/2011	CHTK01202-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT01202	8/31/2011	CHTK01202-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01202	9/27/2011	CHTK01202-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01202	10/27/2011	CHTK01202-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.1	0.2	1	µg/L	
85PLT01202	11/28/2011	CHTK01202-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01301	2/25/2011	CHTK01301-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01301	3/25/2011	CHTK01301-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01301	4/26/2011	CHTK01301-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01301	5/25/2011	CHTK01301-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01301	6/27/2011	CHTK01301-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
85PLT01301	6/27/2011	CHTK01301-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01301	6/27/2011	CHTK01301-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
85PLT01301	6/27/2011	CHTK01301-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
85PLT01301	6/27/2011	CHTK01301-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01301	6/27/2011	CHTK01301-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
85PLT01301	6/27/2011	CHTK01301-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	U
85PLT01301	6/27/2011	CHTK01301-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT01301	6/27/2011	CHTK01301-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
85PLT01301	7/29/2011	CHTK01301-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT01301	7/29/2011	CHTK01301-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT01301	7/29/2011	CHTK01301-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT01301	7/29/2011	CHTK01301-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT01301	7/29/2011	CHTK01301-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01301	7/29/2011	CHTK01301-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT01301	7/29/2011	CHTK01301-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
85PLT01301	7/29/2011	CHTK01301-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT01301	7/29/2011	CHTK01301-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT01301	8/31/2011	CHTK01301-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT01301	8/31/2011	CHTK01301-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT01301	8/31/2011	CHTK01301-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT01301	8/31/2011	CHTK01301-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT01301	8/31/2011	CHTK01301-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT01301	8/31/2011	CHTK01301-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT01301	8/31/2011	CHTK01301-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
85PLT01301	8/31/2011	CHTK01301-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT01301	8/31/2011	CHTK01301-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.9	0.2	1	µg/L	
85PLT01301	9/27/2011	CHTK01301-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	BRL	0.2	1	µg/L	J

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	1.1	0.2	1	µg/L	
85PLT01302	1/26/2011	CHTK01302-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT01302	10/27/2011	CHTK01302-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

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Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01302	11/28/2011	CHTK01302-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT01302	12/28/2011	CHTK01302-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT02201	1/26/2011	CHTK02201-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT02201	2/25/2011	CHTK02201-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT02201	3/25/2011	CHTK02201-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT02201	4/26/2011	CHTK02201-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT02201	5/25/2011	CHTK02201-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02201	6/27/2011	CHTK02201-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
85PLT02201	6/27/2011	CHTK02201-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02201	6/27/2011	CHTK02201-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
85PLT02201	6/27/2011	CHTK02201-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
85PLT02201	6/27/2011	CHTK02201-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT02201	6/27/2011	CHTK02201-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
85PLT02201	6/27/2011	CHTK02201-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.28	1	µg/L	JS
85PLT02201	6/27/2011	CHTK02201-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT02201	6/27/2011	CHTK02201-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
85PLT02201	7/29/2011	CHTK02201-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT02201	7/29/2011	CHTK02201-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT02201	7/29/2011	CHTK02201-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT02201	7/29/2011	CHTK02201-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT02201	7/29/2011	CHTK02201-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT02201	7/29/2011	CHTK02201-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT02201	7/29/2011	CHTK02201-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.5	0.28	1	µg/L	S
85PLT02201	7/29/2011	CHTK02201-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT02201	7/29/2011	CHTK02201-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT02202	8/31/2011	CHTK02202-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT02202	8/31/2011	CHTK02202-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT02202	8/31/2011	CHTK02202-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT02202	8/31/2011	CHTK02202-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT02202	8/31/2011	CHTK02202-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT02202	8/31/2011	CHTK02202-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT02202	8/31/2011	CHTK02202-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
85PLT02202	8/31/2011	CHTK02202-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
85PLT02202	8/31/2011	CHTK02202-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT02202	9/27/2011	CHTK02202-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT02202	10/27/2011	CHTK02202-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT02202	11/28/2011	CHTK02202-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT02202	12/28/2011	CHTK02202-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT02301	1/26/2011	CHTK02301-M0211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT02301	2/25/2011	CHTK02301-M0311	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT02301	3/25/2011	CHTK02301-M0411	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT02301	4/26/2011	CHTK02301-M0511	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	BRL	0.19	1	µg/L	J
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.2	1	µg/L	J
85PLT02301	5/25/2011	CHTK02301-M0611	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02301	6/27/2011	CHTK02301-M0711S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	U
85PLT02301	6/27/2011	CHTK02301-M0711S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02301	6/27/2011	CHTK02301-M0711S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	U
85PLT02301	6/27/2011	CHTK02301-M0711S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	U
85PLT02301	6/27/2011	CHTK02301-M0711S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02301	6/27/2011	CHTK02301-M0711S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	U
85PLT02301	6/27/2011	CHTK02301-M0711S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	1.2	0.28	1	µg/L	
85PLT02301	6/27/2011	CHTK02301-M0711S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	BRL	0.27	1	µg/L	JS
85PLT02301	6/27/2011	CHTK02301-M0711S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	U
85PLT02302	7/29/2011	CHTK02302-M0811S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT02302	7/29/2011	CHTK02302-M0811S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT02302	7/29/2011	CHTK02302-M0811S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT02302	7/29/2011	CHTK02302-M0811S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT02302	7/29/2011	CHTK02302-M0811S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT02302	7/29/2011	CHTK02302-M0811S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT02302	7/29/2011	CHTK02302-M0811S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
85PLT02302	7/29/2011	CHTK02302-M0811S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
85PLT02302	7/29/2011	CHTK02302-M0811S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT02302	8/31/2011	CHTK02302-M0911S	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.16	1	µg/L	US
85PLT02302	8/31/2011	CHTK02302-M0911S	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.2	1	µg/L	US
85PLT02302	8/31/2011	CHTK02302-M0911S	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.17	1	µg/L	US
85PLT02302	8/31/2011	CHTK02302-M0911S	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.17	1	µg/L	US
85PLT02302	8/31/2011	CHTK02302-M0911S	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.16	1	µg/L	JS
85PLT02302	8/31/2011	CHTK02302-M0911S	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.16	1	µg/L	US
85PLT02302	8/31/2011	CHTK02302-M0911S	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.28	1	µg/L	US
85PLT02302	8/31/2011	CHTK02302-M0911S	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.27	1	µg/L	US
85PLT02302	8/31/2011	CHTK02302-M0911S	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.25	1	µg/L	US
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	BRL	0.18	1	µg/L	J
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT02302	9/27/2011	CHTK02302-M1011	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT02302	10/27/2011	CHTK02302-M1111	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT02302	11/28/2011	CHTK02302-M1211	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,1-TRICHLOROETHANE	ND	0.18	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2,2-TETRACHLOROETHANE	ND	0.13	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,1,2-TRICHLOROETHANE	ND	0.11	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHANE	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,1-DICHLOROETHENE	ND	0.13	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2,4-TRICHLOROBENZENE	ND	0.21	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMO-3-CHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DIBROMOETHANE (ETHYLENE DIBROMIDE)	ND	0.15	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROBENZENE	ND	0.16	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,2-DICHLOROPROPANE	ND	0.5	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,3-DICHLOROBENZENE	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	1,4-DICHLOROBENZENE	ND	0.19	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	BENZENE	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOCHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	BROMODICHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOFORM	ND	0.12	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	BROMOMETHANE	ND	0.5	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	CARBON TETRACHLORIDE	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROBENZENE	ND	0.17	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROETHANE	ND	0.5	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROFORM	BRL	0.2	1	µg/L	J
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	CHLOROMETHANE	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	cis-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	DIBROMOCHLOROMETHANE	ND	0.15	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	ETHYLBENZENE	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	M,P-XYLENE (SUM OF ISOMERS)	ND	0.4	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	METHYLENE CHLORIDE	ND	1	2	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	O-XYLENE (1,2-DIMETHYLBENZENE)	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	STYRENE	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	tert-BUTYL METHYL ETHER	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	TETRACHLOROETHENE (PCE)	ND	0.19	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	TOLUENE	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,2-DICHLOROETHENE	ND	0.2	1	µg/L	U

Attachment C
Analytical Laboratory Results, January - December 2011
Southwest Plumes 2011 Summary Letter Report

Location	Date	Sample ID	Depth	Type	Matrix	Test	Prep	Analyte	Result	DL	RL	Units	Qual
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	trans-1,3-DICHLOROPROPENE	ND	0.1	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	TRICHLOROETHENE (TCE)	ND	0.2	1	µg/L	U
85PLT02302	12/28/2011	CHTK02302-M0112	N/A	N1	WW	SW8260B	SW5030	VINYL CHLORIDE	ND	0.2	1	µg/L	U

Data Source: AFCEE, February 2012, MMR-AFCEE Data Warehouse

Key:

BRL = below reporting limit
DL = detection limit
FD1 = field duplicate
J = estimated value
JS = estimated value for screening analysis
MS1 = matrix spike
N/A = not applicable
ND = nondetect
N1 = native sample
RL = reporting limit
S = screening analysis
SD1 = matrix spike duplicate
U = undetected
WA = borehole water
WG = groundwater
WS = surface water
WW = wastewater
µg/L = micrograms per liter

ATTACHMENT D

Southwest Plumes Project Notes

Southwest Plumes 2010 Semiannual SPEIM Data Presentation
404929-SPEIM-SWP-PRJNOT-003

Southwest Plumes 2011 Annual SPEIM Data Presentation
420005-SPEIM-SWP-PRJNOT-001

Southwest Plumes 2011 Semiannual SPEIM Data Presentation
420005-SPEIM-SWP-PRJNOT-002

CH2MHILL	PROJECT NOTE	TASK ORDER 0244
		PROJECT NO. 404929
AFCEE SPEIM/LTM/O&M Otis ANG Base, Massachusetts Contract FA8903-08-D-8769-0244	**DOCUMENT CONTROL NUMBER: 404929-SPEIM-SWP-PRJNOT-003 CDRL B008**	PAGE 1 OF 3

Confirmation Of:	Date Held: 15 December 2010
☒ Meeting	Location: IRP Conference Room
☐ Change Notice	Date Issued: 22 March 2011
☐ General Project Note	Recorded By: Jason Dalrymple
Subject: **SOUTHWEST PLUMES 2010 SEMIANNUAL SPEIM DATA PRESENTATION** *EPA OU-09 SWOU & 19 OU-09B SWOU FS28/FS29 PLUMES*	Issued By: Nigel Tindall CH2M HILL TECHNICAL SERVICES MANAGER

ITEM	REMARKS
1.0	**INTRODUCTION** This project note summarizes the Southwest Plumes semiannual data presentation, which included data collected for the Southwest Plumes System Performance and Ecological Impact Monitoring (SPEIM) program in August and September 2010. These data were presented to the regulatory agencies during the 15 December 2010 Technical Update meeting. The handout for the presentation, including text slides, three figures, and one table is included as Attachment A.
2.0	**BACKGROUND** The Southwest Plumes include the following groundwater plumes: Chemical Spill-4 (CS-4), CS-20, CS-21, and Fuel Spill-29 (FS-29). The contaminants of concern (COCs) for the Southwest Plumes are as follows: • CS-4: trichloroethene (TCE), tetrachloroethene (PCE), 1,1,2,2-tetrachloroethane (1,1,2,2-TeCA), and ethylene dibromide (EDB) • CS-20: PCE • CS-21: TCE • FS-29: EDB and carbon tetrachloride (CCl_4) The Southwest Plumes remedial system is designed to collectively remediate the CS-4, CS-20, CS-21, and FS-29 groundwater plumes. The contaminated groundwater is captured by extraction wells in each plume, treated in a centrally located treatment plant (the Hunter Avenue Treatment Facility [HATF]), and the treated water is returned to the aquifer through reinjection wells, an infiltration trench, and an infiltration gallery. The optimized flow rate (2009 Scenario 02) for the Southwest Plumes remedial system is 2,591 gallons per minute (gpm). The combined flow from the CS-4 and CS-20 extraction wells (972 gpm) enters the HATF through a common influent line, and is treated through a dedicated carbon train. Likewise, the combined flow from the CS-21 and FS-29 extraction wells (1,619 gpm) enters the HATF through a common influent line and is treated through dedicated carbon trains.

Distribution: AFCEE: Jon Davis, Mike Minior, Rose Forbes, Bob Power, Admin. Record; EPA: Bob Lim; MassDEP: Len Pinaud, Elliott Jacobs; CH2M HILL: Pat de Groot, Nigel Tindall, Jason Dalrymple, Doc. Control

ITEM	REMARKS
	The treated water from the CS-4/CS-20 train and the CS-21/FS-29 train exits the HATF in a combined effluent line and is returned to the aquifer through nine reinjection wells, an infiltration gallery, and an infiltration trench. Phase I of the HATF startup consisted of the CS-4 and CS-20 remedial system components being brought online in December 2005. Phase II of system startup was completed in September 2006 when the CS-21 and FS-29 remedial system components began operation. Analytical data for the Southwest Plumes have been collected through the SPEIM program since Phase I of startup of the treatment system in 2005. This program was developed to monitor plume changes and to ensure the effective operation of the groundwater remediation systems; monitoring networks are also evaluated and optimized through the SPEIM program. The current approved Southwest Plumes SPEIM monitoring network, including analytical scope and methods, is presented in the *Comprehensive Long Term Monitoring Plan (CLTMP)*, which is available on-line at www.mmr.org under Plans and Protocols. Note that all the analytical data collected in 2009 for the Southwest Plumes SPEIM program and Crooked Pond LTM program were included in the *Southwest Plumes 2009 Summary Letter Report* (AFCEE 2010), and all the analytical data collected in 2010 will be included in the *Southwest Plumes 2010 Summary Letter Report*, which is scheduled for submittal in March 2011.
3.0	**SUMMARY OF RESULTS** Analytical results were presented for selected monitoring wells in the CS-20, CS-21, and FS-29 plumes. A summary of the main findings is as follows: • Three monitoring wells (81MW0013A, 81MW0018B, and 81MW0019C) are currently sampled on a semiannual basis at the leading edge of the CS-20 plume to monitor PCE concentrations that were slightly higher in early 2010 than the most recent transport simulations predicted. However, results from the August/September 2010 semiannual sample event provide evidence of decreasing PCE concentrations in all three downgradient monitoring wells (Attachment A). The most recent sample results are more consistent with the latest transport simulations, and indicate that the higher concentrations observed in early 2010 were short lived. • Three monitoring well screens (80MW0015A,B,C) located adjacent to recently (December 2009) shut down FS-29 extraction well 80EW0002 are currently sampled on a semiannual basis as sentry wells. During the reporting period, the EDB concentration in sentry well 80MW0015B (0.024 micrograms per liter [µg/L]) was slightly above the Massachusetts Maximum Contaminant Level (MMCL) of 0.02 µg/L; and the CCl_4 concentration in sentry well 80MW0015A (5.3 µg/L) was slightly above the Maximum Contaminant Level (MCL) of 5 µg/L in the samples collected on 26 August 2010. The regulatory agencies were notified via e-mail on 29 September 2010 of those detections and that a resample had been collected. The 23 September 2010 resample results indicated that EDB concentrations at 80MW0015B decreased below the MMCL to 0.013 µg/L, and CCl_4 concentrations at 80MW0015A decreased below the MCL to 4.5 µg/L (Attachment A).

ITEM	REMARKS
	• Two monitoring well screens (82MW0021A,B) located adjacent to recently (June 2010) shut down CS-21 extraction well 82EW0004 are currently sampled on a semiannual basis as sentry wells. TCE concentrations were below the MCL of 5 µg/L in samples collected from both sentry wells.
4.0	**CONCLUSIONS** • The long term concentration trends for the eight semiannual Southwest Plumes monitoring wells are generally consistent with the conceptual site model for the plumes.

5.0	**RECOMMENDATIONS**
	• AFCEE will continue with all planned SPEIM activities for the upcoming year, which include the following:
	  • an annual sampling event (March 2011);
	  • routine monthly and quarterly treatment plant and extraction well sampling; and
	  • a data presentation at a summer 2011 Technical Update meeting presenting results from the aforementioned data collection activities.

6.0	**REGULATOR COMMENTS/ACTION ITEMS** No comments were received from the regulatory agencies at the 15 December 2010 Technical update meeting, nor at the follow-up Technical Update meeting on 16 March 2010.
7.0	**REFERENCE** AFCEE. 2010 (March). *Southwest Plumes 2009 Summary Letter Report*. 39849-SPEIM-SWP-SLR-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA

Attachment:
Attachment A: Southwest Plumes Semiannual SPEIM Data Presentation, 15 December 2010 Technical Update Meeting

ATTACHMENT A

Southwest Plumes Seminnual SPEIM Data Presentation, 15 December 2010 Technical Update Meeting

Southwest Plumes Semiannual SPEIM Data Presentation
15 December 2010 Technical Update Meeting

Scope

- Groundwater Sampling Results for:
  - 3 CS-20 monitoring wells sampled for VOCs (Figures 1 and 4)
  - 3 FS-29 monitoring wells sampled for EDB, 2 sampled for VOCs (Figure 2)
  - 2 CS-21 monitoring wells sampled for VOCs (Figure 2)

Results

- CS-20 leading edge concentrations declined
- FS-29 sentry well detections just above MMCL/MCL
  - Resampled wells, detections declined to below MMCL/MCL
- CS-21 sentry well detections below MCL or ND

Southwest Plumes August 2010 Semiannual Data

Location	Date	PCE (µg/L) MCL = 5	TCE (µg/L) MCL = 5	EDB (µg/L) MMCL = 0.02	CCl_4 (µg/L) MCL = 5
FS-29 Sentry Wells					
80MW0015A	5/12/2009	--	--	ND	3.8
80MW0015A	3/5/2010	--	--	ND	4.2
80MW0015A	8/26/2010	--	--	ND	**5.3**
80MW0015A	9/23/2010	--	--	ND	4.5
80MW0015B	5/12/2009	--	--	0.015	1.7
80MW0015B	3/5/2010	--	--	0.012	1
80MW0015B	8/26/2010	--	--	**0.024**	BRL
80MW0015B	9/23/2010	--	--	0.013	BRL
80MW0015C	5/12/2009	--	--	ND	ND
80MW0015C	3/5/2010	--	--	ND	NS
80MW0015C	8/26/2010	--	--	ND	NS
CS-20 Leading Edge Wells					
81MW0013A	3/5/2009	2.5	--	--	--
81MW0013A	3/23/2010	**19**	--	--	--
81MW0013A	8/26/2010	**16**	--	--	--
81MW0018B	3/5/2009	**16.3**	--	--	--
81MW0018B	3/23/2010	**29**	--	--	--
81MW0018B	8/26/2010	**8.9**	--	--	--
81MW0019C	3/4/2009	0.46	--	--	--
81MW0019C	3/23/2010	**9**	--	--	--
81MW0019C	8/26/2010	0.9	--	--	--
CS-21 Sentry Wells					
82MW0021A	4/30/2009	--	**7.1**	--	--
82MW0021A	3/25/2010	--	2.7	--	--
82MW0021A	8/26/2010	--	2.3	--	--
82MW0021B	4/30/2009	--	ND	--	--
82MW0021B	3/25/2010	--	ND	--	--
82MW0021B	8/26/2010	--	ND	--	--

Data Source: AFCEE, December 2010, MMR-AFCEE Data Warehouse.

Notes:

--: Not a contaminant of concern for this plume

BOLD values indicate an MCL or MMCL exceedance.

Key:

BRL = below the reporting limit

EDB = ethylene dibromide

ND = nondetect

MCL = Maximum Contaminant Level

MMCL = Massachusetts MCL

PCE = tetrachloroethene

µg/L = micrograms per liter

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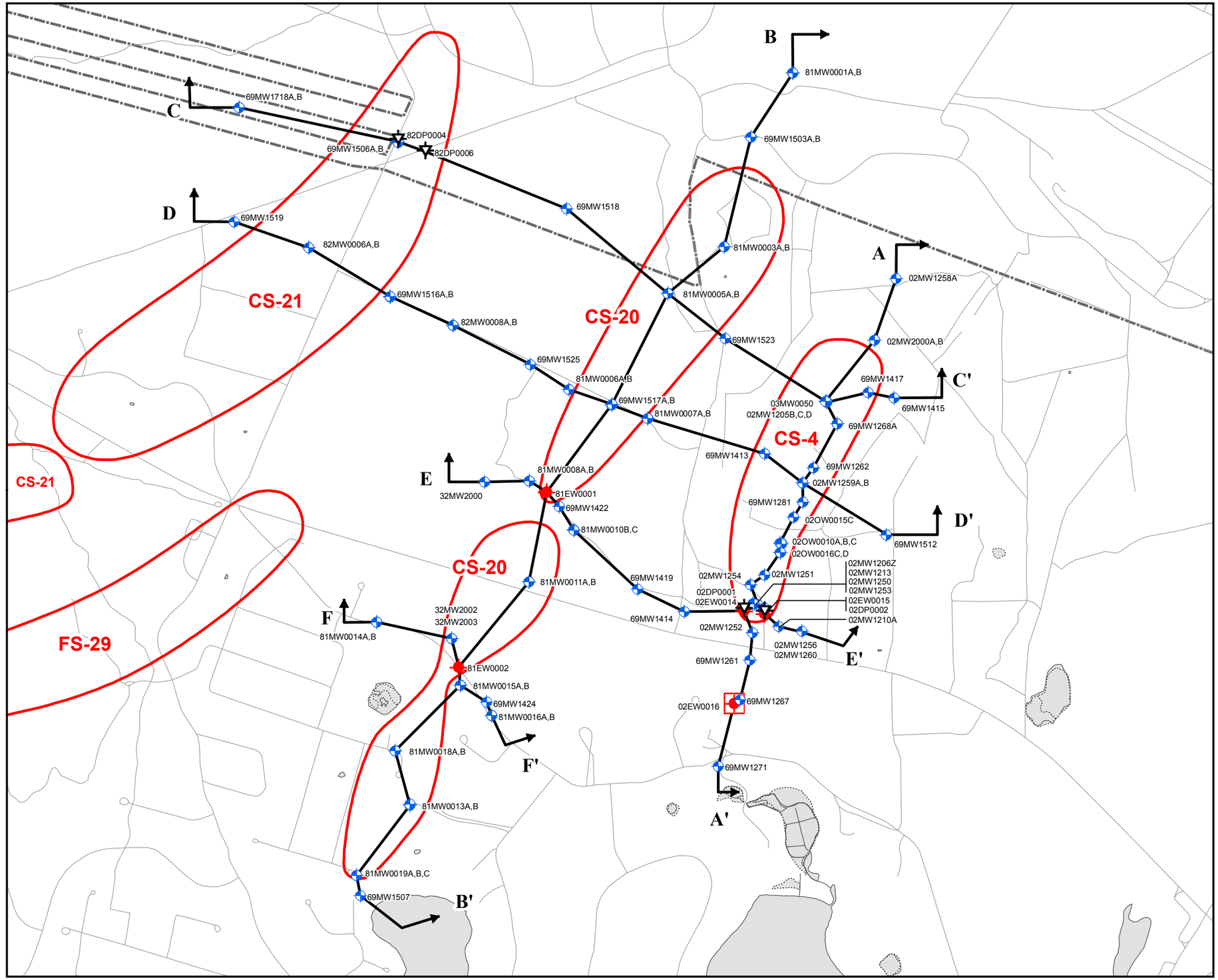
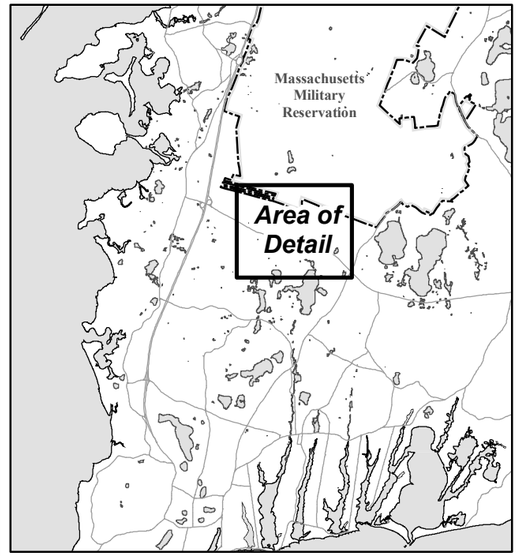
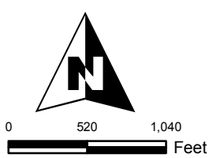


Legend

- Extraction Well (On)
- Extraction Well (Off)
- Monitoring Well
- Reinjection Well
- Irrigation Well
- Direct Push Location
- Massachusetts Military Reservation Boundary
- Southwest Plume Boundary

DRAFT





Data Source: AFCEE, April 2010, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

FIGURE 1

CS-20 AND CS-4 LINES OF CROSS-SECTION

AFCEE - Massachusetts Military Reservation

SWOU 2010 Cross-Sections

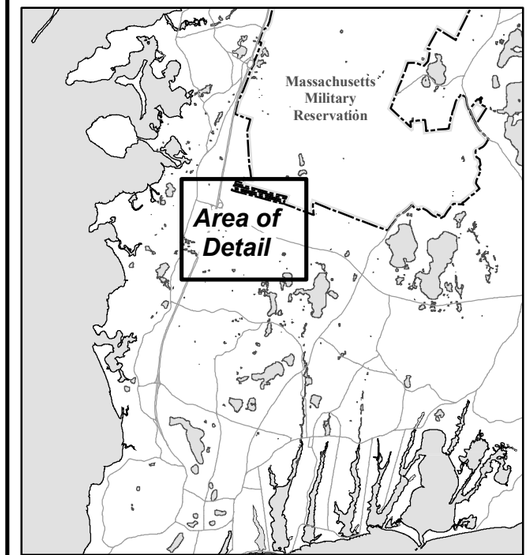
CH2MHILL

MMR Boundary

K
K'
J'
I'
82DP0003
82MW0001A
82MW0002A,B
82DP0002
69MW1504
82DP0001
82MW0003A,B
82MW0004A,B
82DP0005
82DP0004
69MW1506A,B
82DP0006
82DP0008
82DP0007
69MW1541
69MW1510B
82MW0006A,B
CS-21
M
N
L
69MW1509
69MW1529
82MW0007A,B
82RIW0001
69MW1544
82MW0010A,B
82MW0020A,B
82MW0009A,B
82MW0011A,B
69MW1514A,B
82MW0018A,B
82MW0019A,B
69MW1532A,B
82MW0017A,B
82EW0001
H'
G'
CS-20
82MW0014A,B
69MW1522A,B
80MW0012A,B
82EW0002
69IG0015
69IG0016
J
82MW0012A,B
69MW1534A,B
80MW0001A,B
80MW0011A,B
69MW1539
82MW0015A,B
82EW0003
CS-21
82MW0016A,B
82MW0013A,B
80MW0013A,B
I
L'
69MW1603A
82MW0021A,B
82EW0004
69MW1536A,B
69MW1542
80MW0004A,B
FS-29
80MW0002A,B
69MW1545A,B
80MW0006A,B
80EW0001
H
80MW0014A,B
80MW0008A,B
80MW0003A,B
69MW1543
80MW0015A,B,C
80EW0002
G
69MW1601A
80MW0007A
M'
CS-20
80RIW0002
N'

Legend

- Extraction Well (On)
- Extraction Well (Off)
- Monitoring Well
- Reinjection Well
- Irrigation Well
- Direct Push Location
- Massachusetts Military Reservation Boundary
- Southwest Plume Boundary



N

0 630 1,260
Feet

Data Source: AFCEE, May 2008, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

FIGURE 2

CS-21 AND FS-29 LINES OF CROSS-SECTION

AFCEE - Massachusetts Military Reservation
2010 SWOU Cross-Sections

CH2MHILL

NORTH

B

SOUTH

B'

81MW0001A,B

69MW1503A,B

81MW0003A,B

81MW0005A,B
Intersection with C-C'

69MW1517A,B
Intersection with D-D'

81EW0001
Intersection with E-E'

81MW0011A,B

81EW0002
Intersection with F-F'

81MW0015A,B
Intersection with F-F'

81MW0018A,B

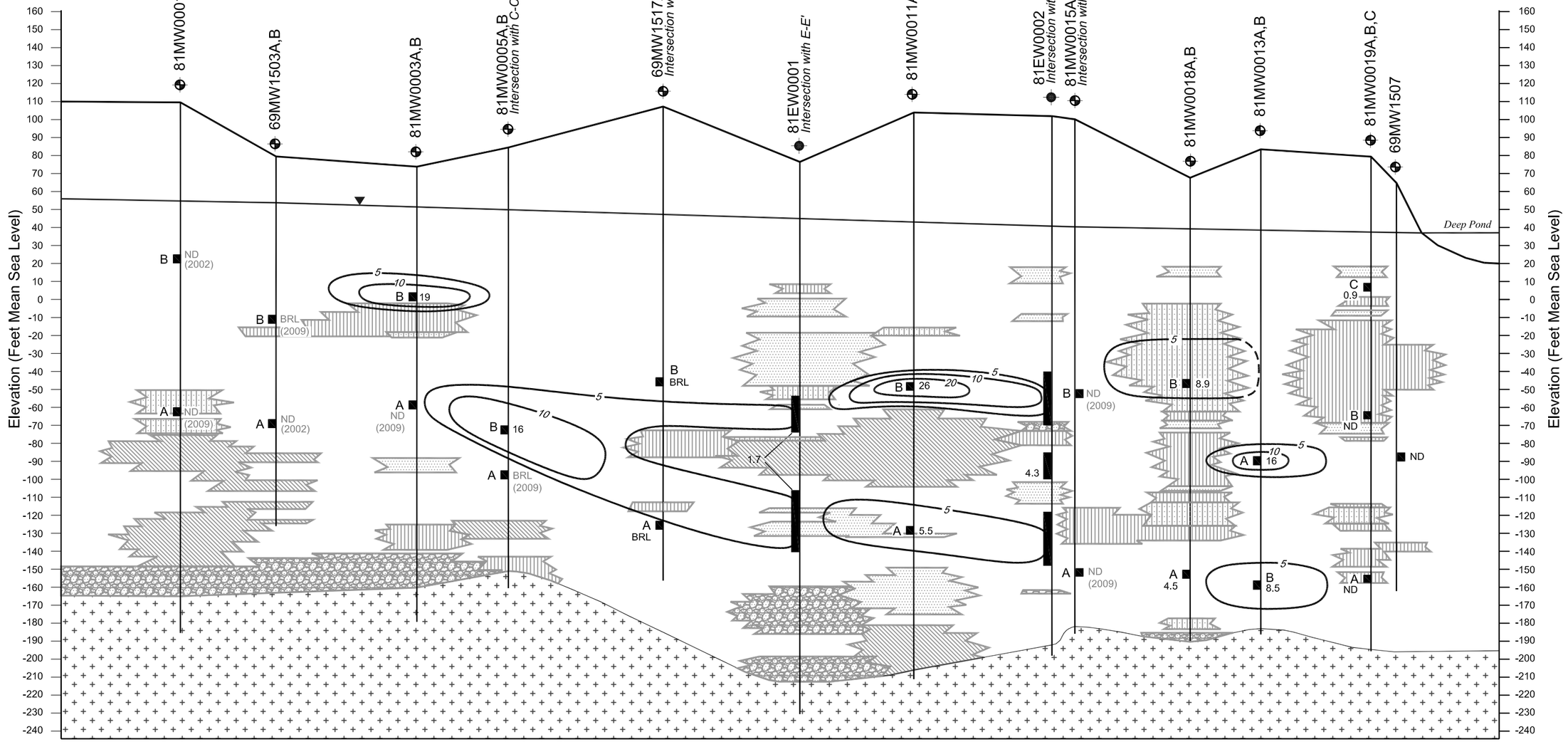
81MW0013A,B

81MW0019A,B,C

69MW1507

Deep Pond

Elevation (Feet Mean Sea Level)



Legend

- Monitoring Well
- Extraction Well
- Water Table (05/2009)
- BRL — Below Reporting Limit
- ND — Nondetect
- 2.7 — PCE Data (µg/L) Collected in 2010 Unless Otherwise Noted
- A — Well Screen ID
- 5 — PCE Isoconcentration Contour (MCL = 5 µg/L) (Dashed Where Inferred)
- Clay
- Silt
- Silty Sand
- Fine Sand
- Gravelly Sand
- Bedrock

Data Source: AFCEE, September 2009, MMR-AFCEE Data Warehouse.

0 Feet

V: 60
H: 857

FIGURE 4

CS-20 CROSS SECTION B - B'

AFCEE - Massachusetts Military Reservation

SWOU 2010 Cross-Sections

CH2MHILL

CH2MHILL	PROJECT NOTE	TASK ORDER 0300
		PROJECT NO. 420005
AFCEE SPEIM/LTM/O&M Otis ANG Base, Massachusetts Contract FA8903-08-D-8769-0300	**DOCUMENT CONTROL NUMBER: 420005-SPEIM-SWP-PRJNOT-001 CDRL B008**	PAGE 1 OF 4

Confirmation Of:	Date Held: 13 July 2011
☒ Meeting	Location: IRP Conference Room
☐ Change Notice	Date Issued: 26 October 2011
☐ General Project Note	Recorded By: Jason Dalrymple
Subject: **SOUTHWEST PLUMES 2011 ANNUAL SPEIM DATA PRESENTATION** *EPA OU-09 SWOU & 19 OU-09B SWOU FS28/FS29 PLUMES*	Issued By: Nigel Tindall CH2M HILL TECHNICAL SERVICES MANAGER

ITEM	REMARKS
1.0	**INTRODUCTION** This project note summarizes the Southwest Plumes data presentation which included data collected for the Southwest Plumes System Performance and Ecological Impact Monitoring (SPEIM) program between January 2010 and April 2011. The data presented included results from the following: • Annual groundwater sampling (March-April 2011); • Quarterly (June, October, and December 2010; and March 2011) extraction well sampling; • Monthly (May 2010 through April 2011) treatment plant influent sampling; and • Monthly (January through December 2010) extraction well flow rates. These data were presented to the regulators during the 13 July 2011 Technical Update meeting. The handout for the presentation, including text slides and five figures is included as Attachment A.
2.0	**BACKGROUND** The Southwest Plumes include the following groundwater plumes: Chemical Spill-4 (CS-4), CS-20, CS-21, and Fuel Spill-29 (FS-29). The contaminants of concern (COCs) for the Southwest Plumes are as follows: • CS-4: trichloroethene (TCE), tetrachloroethene (PCE), 1,1,2,2-tetrachloroethane (1,1,2,2-TeCA), and ethylene dibromide (EDB) • CS-20: PCE • CS-21: TCE • FS-29: EDB and carbon tetrachloride (CCl_4) The Southwest Plumes remedial system is designed to collectively remediate the CS-4, CS-20, CS-21, and FS-29 groundwater plumes. The contaminated groundwater is captured by extraction wells in each plume, treated in a centrally located treatment plant (the Hunter Avenue Treatment Facility [HATF]), and the treated water is returned to the aquifer through reinjection wells, an infiltration trench, and an infiltration gallery.

Distribution: AFCEE: Jon Davis, Mike Minior, Rose Forbes, Bob Power, Admin. Record; EPA: Bob Lim; MassDEP: Len Pinaud, Elliott Jacobs; CH2M HILL: Pat de Groot, Nigel Tindall, Jason Dalrymple, Doc. Control

ITEM	REMARKS
	The optimized flow rate (2010 Scenario 02) for the Southwest Plumes remedial system is 1,967 gallons per minute (gpm). The flow from the CS-4 and CS-20 extraction wells (919 gpm) is combined, enters the HATF through a common influent line, and is treated through a series of carbon vessels. The flow from the CS-21 extraction wells (1,048 gpm) enters the HATF through a separate influent line and is treated through a separate carbon train from CS-4/CS-20. The treated water from the CS-4/CS-20 train and the CS-21 train exits the HATF in a combined effluent line and is returned to the aquifer through six reinjection wells, an infiltration gallery, and an infiltration trench. Phase I of the HATF startup consisted of the CS-4 and CS-20 remedial system components being brought online in December 2005. Phase II of system startup was completed in September 2006 when the CS-21 and FS-29 remedial system components began operation. Active treatment at FS-29 ceased with the last operational FS-29 extraction well (80EW0001) being shutdown on 20 September 2010. When operational, extracted groundwater from the FS-29 system was combined with CS-21 groundwater for treatment. The FS-29 plume is now in transition to long-term monitoring. Analytical data for the Southwest Plumes have been collected through the SPEIM program since Phase I of startup of the treatment system in 2005. This program was developed to monitor plume changes and to ensure the effective operation of the groundwater remediation systems; monitoring networks are also evaluated and optimized through the SPEIM program. The current approved Southwest Plumes SPEIM monitoring network, including analytical scope and methods, is presented in the *Comprehensive Long Term Monitoring Plan (CLTMP)*, which is available on-line at www.mmr.org under Plans and Protocols. Note that all the analytical data collected in 2010 for the Southwest Plumes SPEIM program were included in the *Southwest Plumes 2010 Summary Letter Report* (AFCEE 2011), and all the analytical data collected in 2011 will be included in the *Southwest Plumes 2011 Summary Letter Report*, which is scheduled for submittal in March 2012.
3.0	**SUMMARY OF RESULTS** Analytical results were presented for selected monitoring wells in the four individual plumes using concentration trend plots (Attachment A). In addition, an overview of remedial system operations during the monitoring period was presented by providing extraction well and treatment plant influent concentrations, mass removal calculations, extraction well flow rates, and treatment plant electrical usage and related air emissions estimates. A summary of the main findings is as follows: • CS-4 monitoring results are consistent with previous results and the conceptual site model (CSM); plume cleanup is progressing as expected. • PCE concentrations in CS-20 leading edge monitoring well 81MW0013B have increased to concentrations higher than predicted by the latest transport modeling simulations (AFCEE 2008); based on concentration trends at nearby monitoring wells, the observed increase is expected to be short-lived. PCE influent concentrations at 81EW0001 are low (less than 2 μg/L), highlighting the need to optimize the operation of that extraction well.

ITEM	REMARKS
	• EDB concentrations are below the MMCL in all FS-29 monitoring wells sampled, which indicates that the plume appears to be attenuating faster than predicted by the latest transport modeling simulations (AFCEE 2009). CCl_4 concentrations have been hovering around the MCL of 5 µg/L near 81EW0002; however the data indicate that plume is stable (not advancing). • TCE concentrations remained consistent (73 µg/L in April 2011) in CS-21 trailing edge monitoring well 69MW1506B. A direct push drilling program was conducted in 2009 to delineate the extent of the elevated TCE concentrations detected at 69MW1506B (AFCEE 2010). The results of that investigation indicated that the relatively high TCE concentration area near monitoring well 69MW1506B is limited in extent, vertically and horizontally. A new monitoring well was installed nearby, and continued monitoring of the area was proposed. • Results from the area downgradient of CS-21 extraction wells 82EW0002 and 82EW0003 provide continued evidence that MCL exceedances in groundwater no longer exist in that area.
4.0	**CONCLUSIONS** • The long term concentration trends at the Southwest Plumes monitoring wells are generally consistent with the CSM for the plumes; the notable exceptions are the increasing concentrations observed at the leading edge of CS-20, the low influent concentrations at CS-20 extraction well 81EW0001, and the apparent faster than predicted attenuation of EDB in the FS-29 plume (when compared to modeling results). • Treatment plant influent and extraction well concentrations have generally declined which was expected and is consistent with the declining concentration trends at the plume monitoring wells. • Groundwater, extraction well, and influent data indicate that the remedial goals of the system are being met and plume cleanup is progressing generally as expected. • Results indicate there is an opportunity to perform an optimization evaluation for the CS-20 remedial system to determine whether remedial system performance can be improved. A direct push drilling investigation was unsuccessful in collecting data for the CS-20 remedial system optimization evaluation because the direct push rig did not reach target depths. A flow test is planned at 81EW0001 to gather data for the optimization evaluation.
5.0	**RECOMMENDATIONS** • Complete CS-21 and CS-20 remedial system optimization evaluations and present results at future technical update meetings.

ITEM	REMARKS

	• Continue with all planned SPEIM activities for the upcoming year, which include the following:
	  • Semiannual (September 2011) and triennial sampling events (March 2011);
	  • Optimization of the Southwest Plumes monitoring network and update to the Southwest Plumes boundaries/LUC areas based on the March 2012 triennial sample results;
	  • Routine monthly and quarterly treatment plant and extraction well sampling; and
	  • Prepare a data presentation for a summer 2012 Technical Update meeting presenting results from the aforementioned data collection and optimization activities.

6.0	**REGULATOR COMMENTS/ACTION ITEMS** There were no comments received from the regulatory agencies during the 13 July 2011 Technical Update Meeting. MassDEP provided a comment via voicemail on 15 July 2011 noting an error in the CS-4/CS-20 mass removal value that was provided in the Southwest Plumes annual data presentation. AFCEE responded via e-mail on 18 July 2011 acknowledging that there was a mistake in the reported mass removal which has been corrected on Page 6 of the attached data presentation. There were no additional comments received during the follow up with the regulatory agencies at the September 2011 Technical Update meeting.
7.0	**REFERENCE** AFCEE. 2011 (March). *Southwest Plumes 2010 Summary Letter Report*. 404929-SPEIM-SWP-SLR-001. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA _____. 2010 (March). Project Note: CS-21 Direct Push Data Presentation. 389849-SPEIM-SWP-PRJNOT-004. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA. _____. 2009 (December). Project Note: FS-29 80EW0002 Optimization Summary. 389849-SPEIM-SWP-PRJNOT-002. Prepared by CH2M HILL for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA. _____. 2008 (May). *Final Chemical Spill-4, Chemical Spill-20, Chemical Spill-21 and Fuel Spill-29 Baseline System Performance and Ecological Impact Monitoring Report.* A4P-J23-35BC24VC-M22-0003. Prepared by Jacobs Engineering Group Inc. for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

Attachments:
Attachment A: Southwest Plumes Annual SPEIM Data Presentation, 13 July 2011 Technical Update Meeting

ATTACHMENT A

Southwest Plumes Annual SPEIM Data Presentation
13 July 2011 Technical Update Meeting

Overview

- Groundwater Sampling Results for March-April 2011 (locations shown on Figure 1)
  - 13 CS-4 monitoring wells sampled for VOCs (Figure 2)
  - 17 CS-20 monitoring wells sampled for VOCs (Figure 3)
  - 20 FS-29 monitoring wells sampled for EDB, 5 sampled for VOCs (Figure 4)
  - 16 CS-21 monitoring wells sampled for VOCs (Figure 5)
- ETI System Performance Monitoring (2010 calendar year)
- No Deviations
- Review concentration trend graphs on Figures 2-5

Southwest Plumes Annual SPEIM Data Presentation
13 July 2011 Technical Update Meeting

CS-4/CS-20 Extraction Well and Treatment Plant Sampling

Location	Date	Laboratory Analyses			
		PCE (µg/L) MCL = 5	TCE (µg/L) MCL = 5	1,1,2,2-TeCA (µg/L) GW-1 = 2	EDB (µg/L) MMCL = 0.02
CS-4 Extraction Wells					
02EW0014	6/22/2010	4	1.5	BRL	ND
02EW0014	10/7/2010	4.6	1.5	BRL	ND
02EW0014	12/8/2010	3.9	1.4	BRL	ND
02EW0014	3/15/2011	4.5	1.5	ND	NS
02EW0015	6/22/2010	3	BRL	BRL	ND
02EW0015	10/7/2010	3.4	BRL	BRL	ND
02EW0015	12/8/2010	3	BRL	BRL	ND
02EW0015	3/15/2011	3.1	BRL	ND	NS
CS-20 Extraction Wells					
81EW0001	6/22/2010	1.5	BRL	ND	NS
81EW0001	10/7/2010	1.5	BRL	ND	NS
81EW0001	12/8/2010	1.3	BRL	ND	NS
81EW0001	3/15/2011	1.7	BRL	ND	NS
81EW0002	6/22/2010	3.7	BRL	ND	NS
81EW0002	10/7/2010	3.7	ND	ND	NS
81EW0002	12/8/2010	3.1	ND	ND	NS
81EW0002	3/15/2011	8.7	BRL	ND	NS
CS-4 & CS-20 Combined Influent at Hunter Avenue Treatment Facility					
85PLT01002	5/26/2010	2.5	BRL	ND	ND
85PLT01002	6/25/2010	3	BRL	ND	ND
85PLT01002	7/28/2010	2.8	BRL	ND	ND
85PLT01002	8/27/2010	3	BRL	ND	ND
85PLT01002	9/29/2010	2.8	BRL	ND	ND
85PLT01002	10/27/2010	2.6	BRL	ND	ND
85PLT01002	11/30/2010	2.5	BRL	ND	ND
85PLT01002	12/28/2010	2	BRL	BRL	NS
85PLT01002	1/26/2011	3.1	BRL	ND	NS
85PLT01002	2/25/2011	4.4	1.3	ND	ND
85PLT01002	3/25/2011	2.2	BRL	ND	ND
85PLT01002	4/26/2011	3.3	BRL	ND	ND

Data Source: AFCEE, June 2010, MMR-AFCEE Data Warehouse.

COCs by plume are depicted in red
Bold values indicate MCL exceedances

Southwest Plumes Annual SPEIM Data Presentation
13 July 2011 Technical Update Meeting

CS-21/FS-29 Extraction Well and Treatment Plant Sampling

Location	Date	Laboratory Analyses		
		TCE (µg/L) MCL = 5	EDB (µg/L) MMCL = 0.02	CCl_4 (µg/L) MCL = 5
FS-29 Extraction Wells				
80EW0001	6/24/2010	BRL	ND	1.1
80EW0001	8/13/2010	ND	ND	1.2
CS-21 Extraction Wells				
82EW0001	6/24/2010	7.5	NS	ND
82EW0001	10/7/2010	7.5	NS	ND
82EW0001	12/8/2010	6.5	NS	ND
82EW0001	3/15/2011	7.7	NS	ND
82EW0002	6/24/2010	3.7	NS	ND
82EW0002	10/7/2010	3.8	NS	ND
82EW0002	12/8/2010	3.1	NS	ND
82EW0002	3/15/2011	4	NS	ND
82EW0003	6/24/2010	1.5	NS	ND
82EW0003	10/7/2010	1.3	NS	ND
82EW0003	12/8/2010	1	NS	ND
82EW0003	3/15/2011	1.2	NS	ND
FS-29 & CS-21 Combined Influent at HATF				
85PLT01001	5/26/2010	3.2	ND	ND
85PLT01001	6/25/2010	4.3	ND	BRL
85PLT01001	7/28/2010	4.1	ND	BRL
85PLT01001	8/27/2010	4.5	ND	BRL
85PLT01001	9/29/2010	5	ND	ND
85PLT01001	10/27/2010	5.1	ND	ND
85PLT01001	11/30/2010	4.4	ND	ND
85PLT01001	12/28/2010	4.5	NS	ND
85PLT01001	1/26/2011	4.9	NS	ND
85PLT01001	2/25/2011	5.1	ND	ND
85PLT01001	3/25/2011	4.7	ND	ND
85PLT01001	4/26/2011	4.5	ND	ND

Data Source: AFCEE, June 2010, MMR-AFCEE Data Warehouse.
COCs by plume are depicted in red
Bold values indicate MCL exceedances
The FS-29 extraction wells have been shut down

Southwest Plumes Annual SPEIM Data Presentation
13 July 2011 Technical Update Meeting

	CS-4 Extraction Well Flow Rates (gpm)			CS-20 Extraction Well Flow Rates (gpm)		CS-4/CS-20 Influent Flow Rates (gpm)
	02EW0014	02EW0015	02EW0016	81EW0001	81EW0002	85PLT01002
Average Flow Rate (gpm) (01/01/2010 - 6/23/2010)	95	94	N/A	403	332	921
Optimized Flow Rate (gpm) (2009 Scenario 02)	100	99	N/A	424	349	972
Percent of Optimized Design Rate	95	95	N/A	95	95	95
Average Flow Rate (gpm) 6/24/2010 - 12/31/2010)	80	80	N/A	391	298	850
Optimized Flow Rate (gpm) (2010 Scenario 02)	85	85	N/A	400	349	919
Percent of Optimized Design Rate	94	94	N/A	98	85	92

Data Source: AFCEE, June 2010, MMR-AFCEE Data Warehouse.

Notes:
Any downtime due to routine and non-routine operations and maintenance activities is included in the average flow rates.
N/A = not applicable

Southwest Plumes Annual SPEIM Data Presentation
13 July 2011 Technical Update Meeting

Week Ending	FS-29 Extraction Well Flow Rates (gpm)		CS-21 Extraction Well Flow Rates (gpm)				FS-29/CS-21 Influent Flow Rates (gpm)
	80EW0001	80EW0002	82EW0001	82EW0002	82EW0003	82EW0004	85PLT01001
Average Flow Rate (gpm) (01/01/2010 - 6/23/2010)	213	N/A	436	257	260	321	1487
Optimized Flow Rate (gpm) (2009 Scenario 02)	224	N/A	500	274	274	347	1619
Percent of Optimized Design Rate	95	N/A	87	94	95	93	92
Average Flow Rate (gpm) (6/24/2010 - 09/22/2010)	207	N/A	434	261	261	N/A	1157
Optimized Flow Rate (gpm) (2010 Scenario 01)	224	N/A	500	274	274	N/A	1272
Percent of Optimized Design Rate	92	N/A	87	95	95	N/A	91
Average Flow Rate (gpm) (9/23/2010 - 12/31/2010)	N/A	N/A	452	268	272	N/A	1000
Optimized Flow Rate (gpm) (2010 Scenario 02)	N/A	N/A	500	274	274	N/A	1048
Percent of Optimized Design Rate	N/A	N/A	90	98	99	N/A	95

Data Source: AFCEE, June 2011, MMR-AFCEE Data Warehouse.

Notes:
Any downtime due to routine and non-routine operations and maintenance activities is included in the average flow rates.
N/A = not applicable

Southwest Plumes Annual SPEIM Data Presentation
13 July 2011 Technical Update Meeting
Corrected on 18 July 2011

HATF CS-4/CS-20 Mass Removal (lbs)

	PCE	TCE	1,1,2,2-TeCA	EDB	Total COC Mass Removed (lbs)
Mass removed (lbs) during period (Jan 10 - Dec 10)	11.0	1.6	0.0	0.0	12.6
Mass removed (lbs) since startup (Jan 06 - Dec 10)	98.9	9.7	1.2	0.003	109.7

HATF CS-21/FS-29 Mass Removal (lbs)

	TCE	CCl_4	EDB	Total COC Mass Removed (lbs)
Mass removed (lbs) during period (Jan 10 - Dec 10)	21.7	0.5	0.0	22.3
Mass removed (lbs) since startup (Sep 06 - Dec 10)	122.4	9.2	0.002	131.6

Southwest Plumes Data Presentation
13 July 2011 Technical Update Meeting

HATF Remedial System Operation

- CS-4/CS-20 GAC trains (Jan 2010 – Dec 2010):
  - Approximately 464 million gallons of groundwater water treated
  - Two carbon exchanges
- CS-21/FS-29 GAC trains (Jan 2010 – Dec 2010):
  - Approximately 667 million gallons of groundwater water treated
  - Three carbon exchanges

Southwest Plumes Data Presentation
13 July 2011 Technical Update Meeting

Southwest Plumes Remedial Systems Electrical Consumption and Associated Air Emissions

		1/1/2010 to 12/31/2010	System Startup (12/2006) to 12/31/2010
Volume of Groundwater Treated (billion gallons)		1.1	6.4
Groundwater COC Mass Removal (pounds)		57.1	241.4
Electrical Usage (MWh)		1,817	11,405
Estimated Air Emissions[1] (based on electrical usage)	CO_2 (tons)	1,190	8,957
	NOx (lbs)	2,562	14,878
	PM-10 (lbs)	147	752
	SO_2 (lbs)	6,832	26,612
	VOCs (lbs)	90	805
Estimated Reduction in Air Emissions due to Green Power Purchases[2]	CO_2 (tons)	560	1,914
	NOx (lbs)	1,206	3,571
	PM-10 (lbs)	69	172
	SO_2 (lbs)	3,215	7,178
	VOCs (lbs)	42	140
Estimated Reduction in Air Emissions due to MMR Wind Turbine Operation[3]	CO_2 (tons)	169	198
	NOx (lbs)	364	426
	PM-10 (lbs)	21	24
	SO_2 (lbs)	970	1136
	VOCs (lbs)	13	15
Estimated Total Air Emissions with Green Power Purchases and MMR Wind Turbine Operation	CO_2 (tons)	**461**	**6,844**
	NOx (lbs)	**993**	**10,881**
	PM-10 (lbs)	**57**	**556**
	SO_2 (lbs)	**2,647**	**18,298**
	VOCs (lbs)	**35**	**650**

Notes:
1) The estimated air emissions presented in this table are based on the assumption that until 4/30/2009, the power used to operate the MMR remedial systems was provided by the Mirant Canal Station power plant in Sandwich, MA. This power plant primarily produced electricity generated by the combustion of fuel oil and has been off-line since 5/1/2009. Starting on 5/1/2009, air emissions are based on electricity generated by the average mix of power sources in Massachusetts. Air emissions were calculated using MMR utility data from AFCEE's Metrix 4 Utility Accounting Software.
2) Emissions offset by purchases of electricity from renewable sources beginning 7/1/2006.
3) Emissions offset by operation of AFCEE-owned wind turbine beginning on 12/2/2009.

Southwest Plumes Annual SPEIM Data Presentation
13 July 2011 Technical Update Meeting

Annual Groundwater Monitoring Summary

- CS-4 (Figure 2): Results are generally consistent with CSM.
- CS-20 (Figure 3): 81EW0001 influent concentrations are low (<2 µg/L). PCE concentrations in leading edge well 81MW0013B increased to concentrations higher than predicted (8.5 to 24 µg/L) by latest transport simulations (but are expected to be short-lived).
- FS-29 (Figure 4): EDB concentrations below MMCL in all monitoring wells sampled (one MMCL exceedance in 2010, two in 2009). CCl_4 concentrations hovering around the MCL of 5 µg/L near 81EW0002; however, plume is stable (not advancing).
- CS-21 (Figure 5): TCE concentrations consistent with last sampling event at upgradient monitoring well 69MW1506B. Results downgradient of 82EW0002/3 provide continued evidence that plume no longer exists in that area. All other results consistent with CSM.

9

Southwest Plumes Annual SPEIM Data Presentation
13 July 2011 Technical Update Meeting

Conclusions

- Long term COC concentration trends for the SW Plumes monitoring wells are generally consistent with the CSM for the plumes; notable exceptions:
  - increasing PCE concentrations at the leading edge of CS-20,
  - low influent concentrations at 81EW0001
  - the FS-29 plume attenuated faster than predicted by the groundwater model
- Treatment plant influent and EW concentrations generally declined
- Groundwater, EW, and influent data indicate that the remedial goals of the system are being met; and plume cleanup is progressing as expected
- Results indicate an opportunity to optimize the CS-20 remedial system exists
  - CS-21 optimization evaluation nearly complete, results will be presented soon
  - Direct push drilling was unsuccessful in collecting data for an optimization evaluation for CS-20. Planning a flow test at 81EW0001 to gather data for optimization evaluation

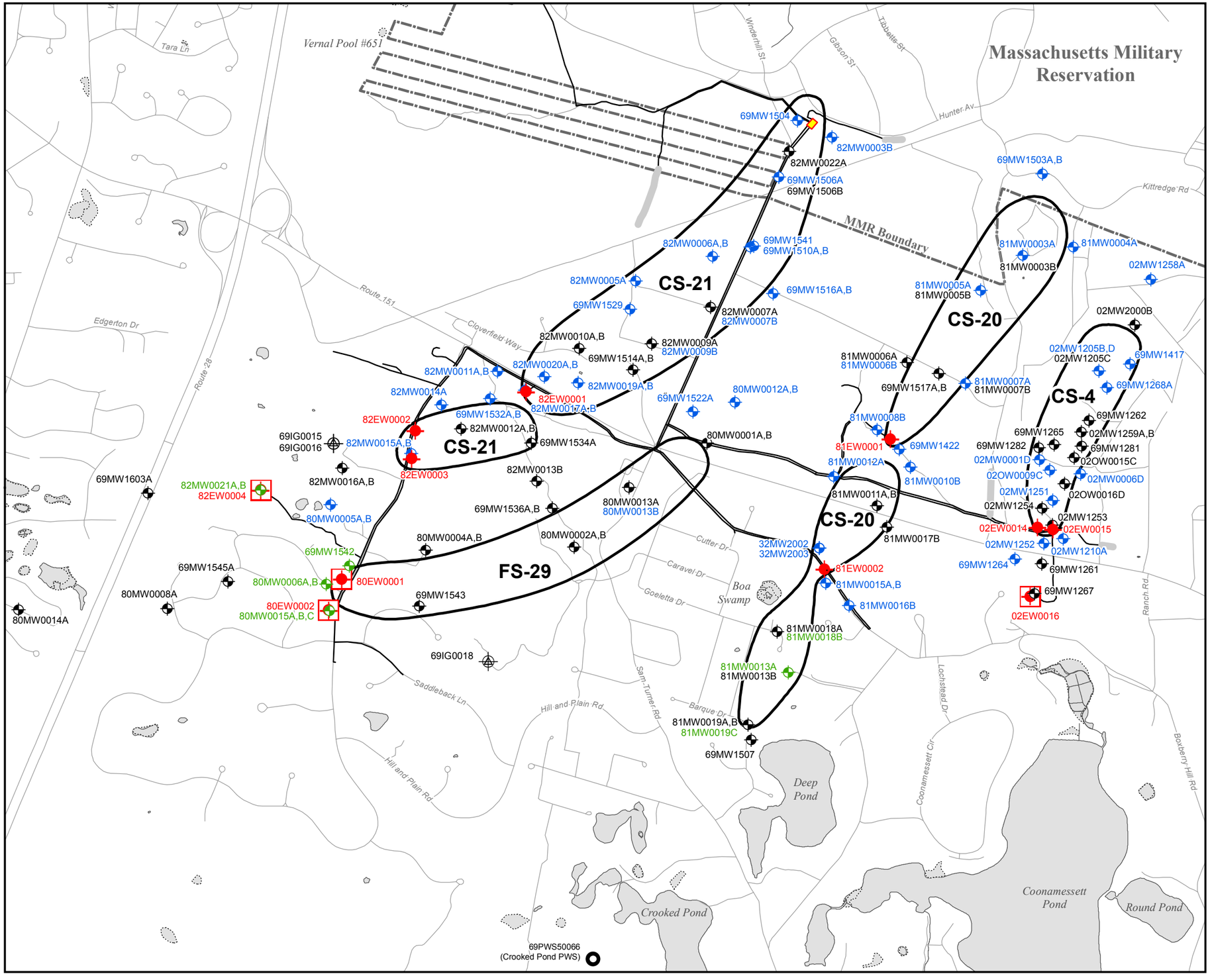
10

Southwest Plumes Annual SPEIM Data Presentation
13 July 2011 Technical Update Meeting

Recommendations

- Complete CS-21 and CS-20 remedial system optimization evaluations, present results as they become available
- AFCEE will continue with all planned SPEIM activities for the upcoming year:
  - Perform semiannual (September 2011) and triennial (March 2012) sampling events
  - Perform routine monthly and quarterly plant and EW sampling
  - Present sampling results at Technical Update meetings when they are available
  - SW Plumes monitoring network will be optimized and plume boundaries will be updated to reflect results of the 2012 triennial sampling event

11



Legend

- Extraction Well (On)
- Extraction Well (Off)
- Triennnial Monitoring Well
- Annual Monitoring Well
- Semiannual Monitoring Well
- Public Water Supply Well
- Reinjection Well (On)
- Reinjection Well (Off)
- Irrigation Well
- Treatment Plant
- Pipeline
- Infiltration Trench
- Massachusetts Military Reservation Boundary
- Southwest Plume Boundary

Data Source: AFCEE, June 2011, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

FIGURE 1

SOUTHWEST PLUMES SPEIM CHEMICAL NETWORK

AFCEE - Massachusetts Military Reservation

13 July 2011 Technical Update Meeting

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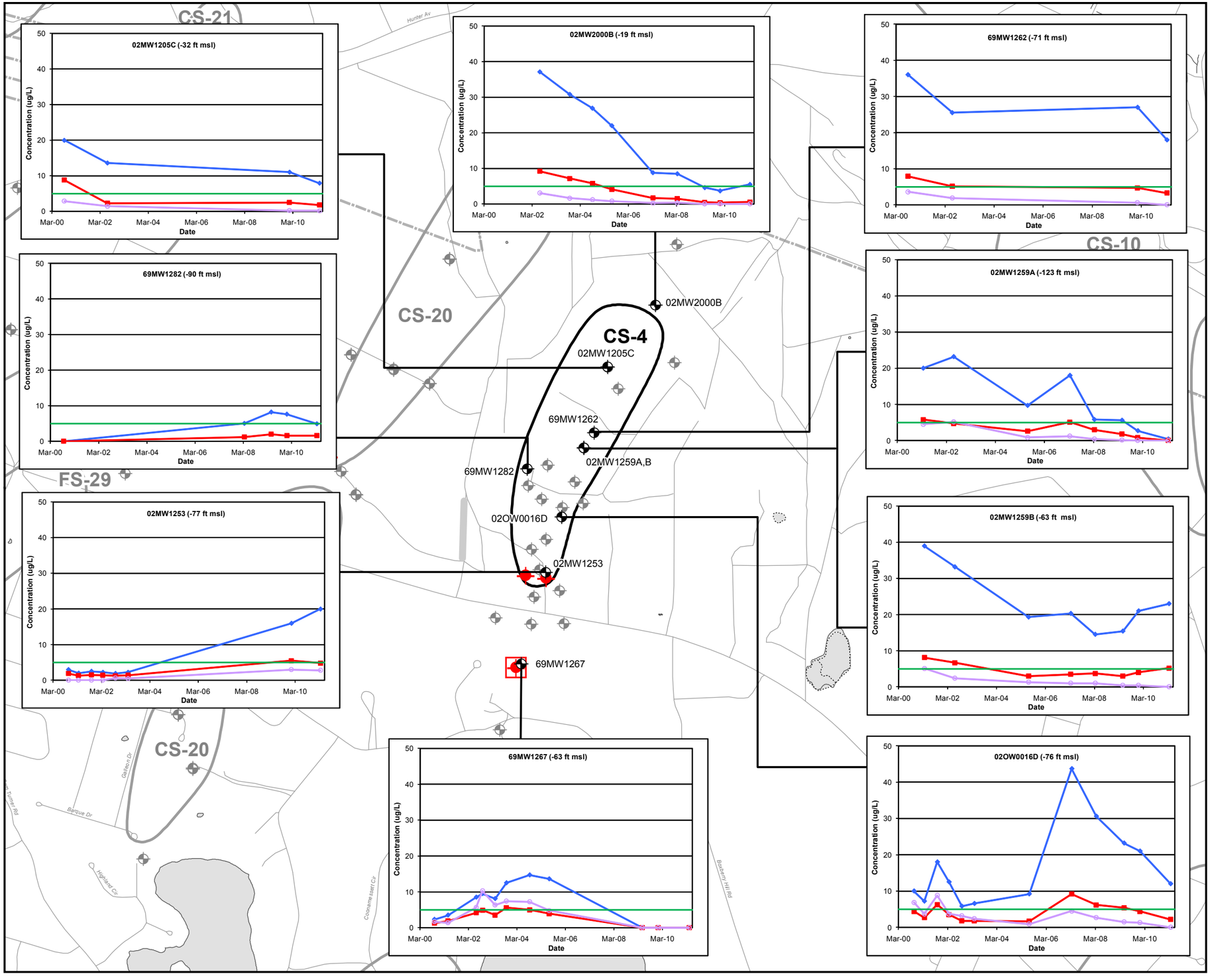
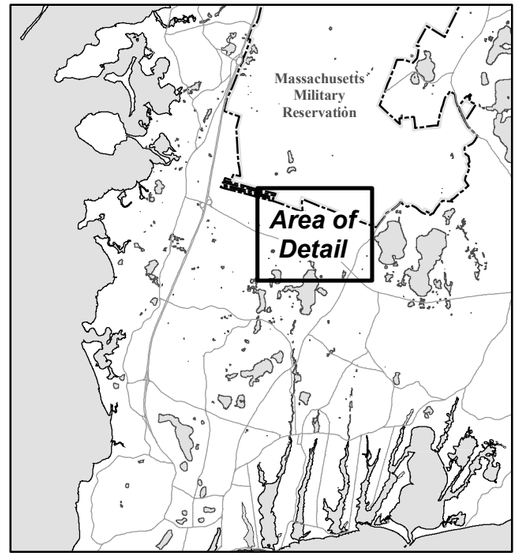
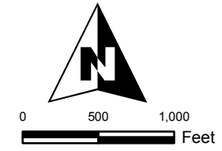


Legend

- Monitoring Well
- Extraction Well (On)
- Extraction Well (Off)
- Massachusetts Military Reservation Boundary
- Current CS-4 Plume Boundary
- Other Plume Boundary
- Infiltration Trench
- PCE
- TCE
- 1,1,2,2-TeCA
- PCE and TCE MCL (5.0 µg/L)
- ft msl — Feet Mean Sea Level

Note: 1,1,2,2-TeCA GW-1 = 2µg/L





Data Source: AFCEE, July 2011, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

FIGURE 2

CS-4 PCE,TCE, AND 1,1,2,2-TeCA CONCENTRATION TRENDS AT SELECTED MONITORING LOCATIONS

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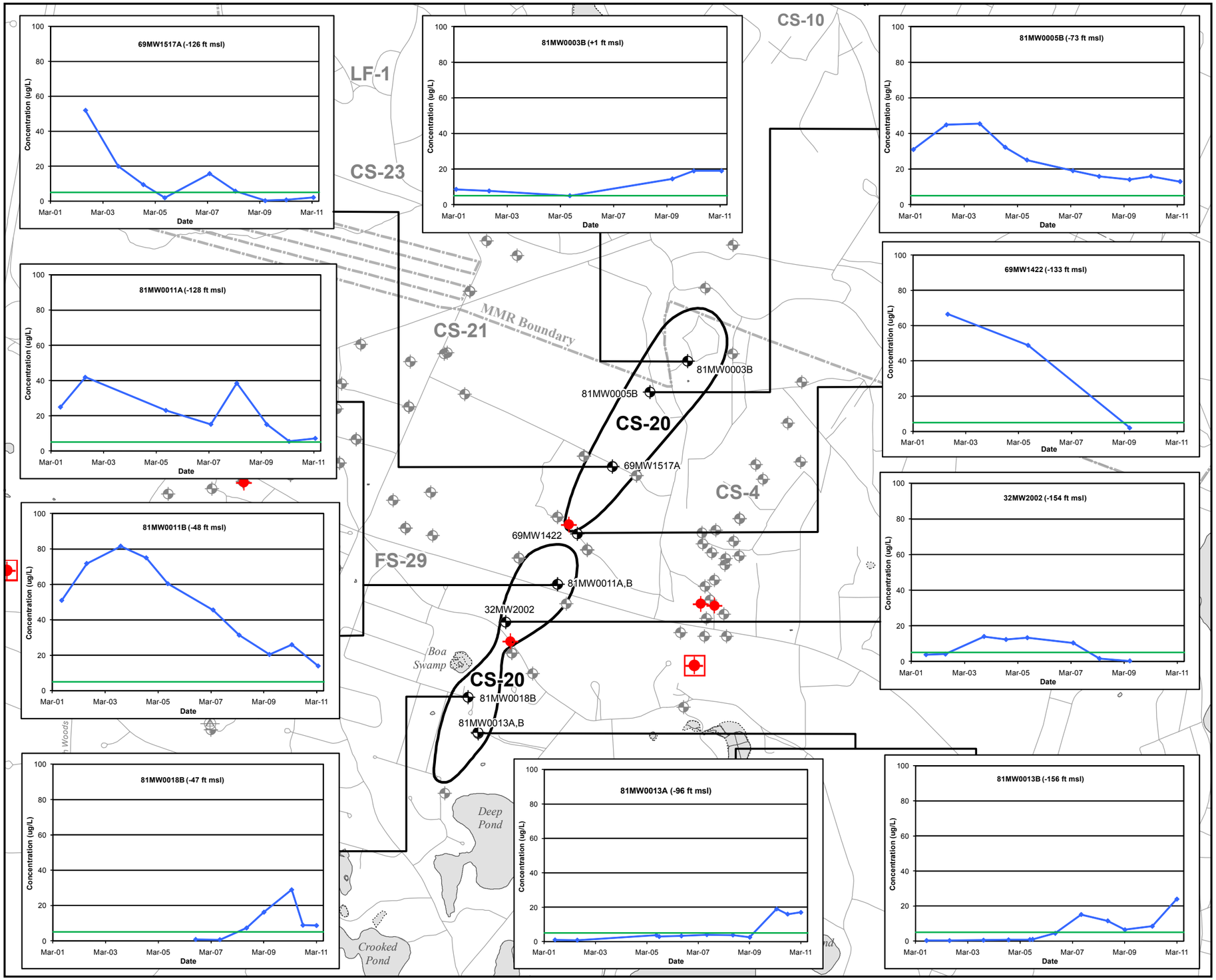
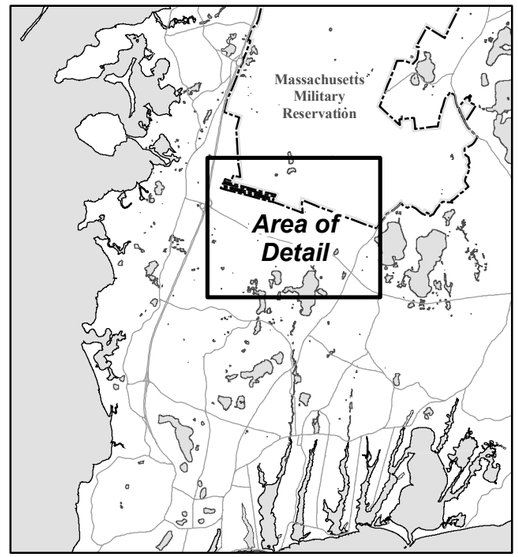


Legend

- Monitoring Well
- Extraction Well (On)
- Extraction Well (Off)
- Massachusetts Military Reservation Boundary
- Current CS-20 Plume Boundary
- Other Plume Boundary
- PCE
- PCE MCL (5.0 µg/L)
- ft msl — Feet Mean Sea Level



0 790 1,580 Feet

Data Source: AFCEE, July 2011, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

FIGURE 3

CS-20 PCE CONCENTRATION TRENDS AT SELECTED MONITORING LOCATIONS

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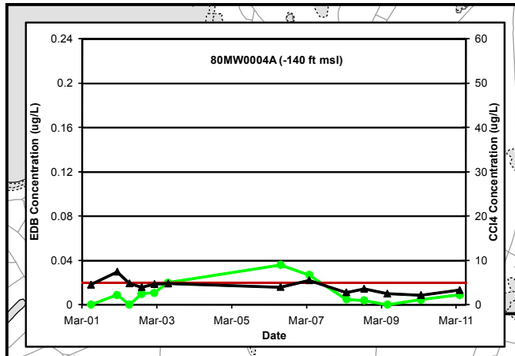
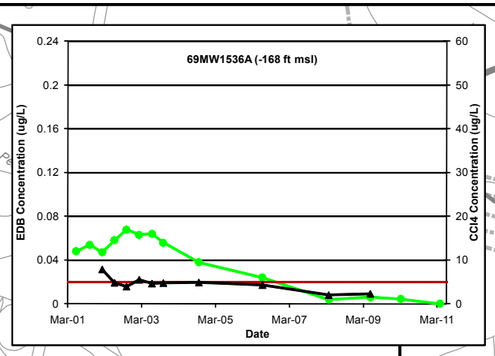
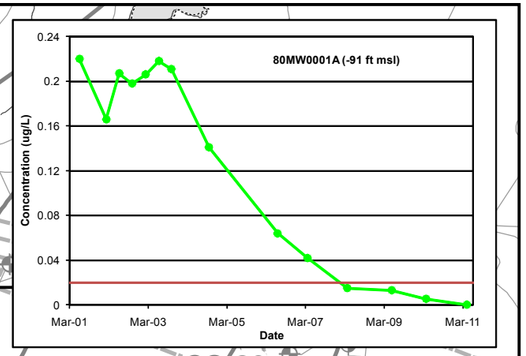
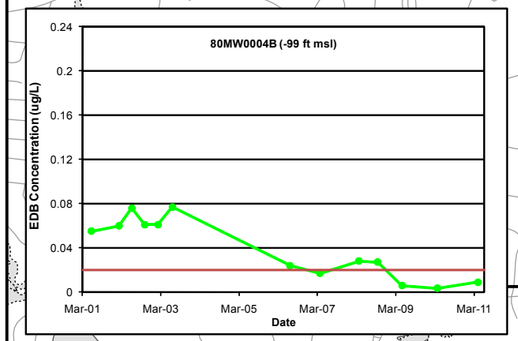
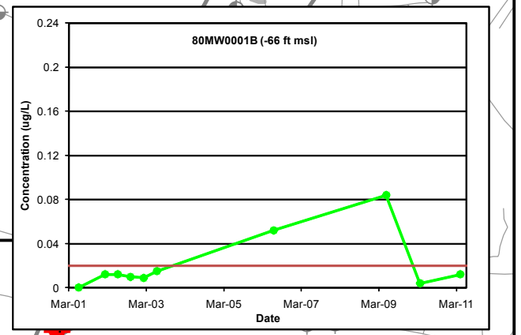
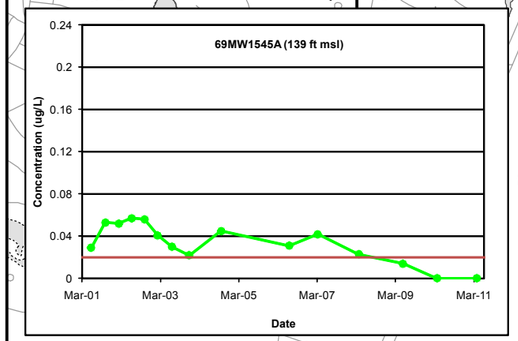


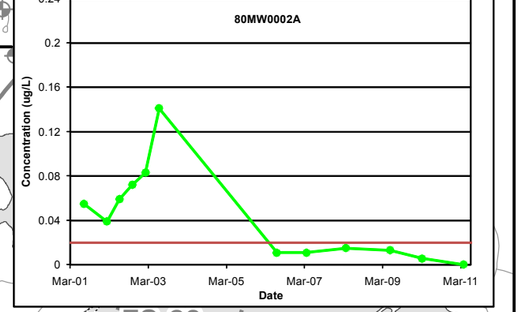


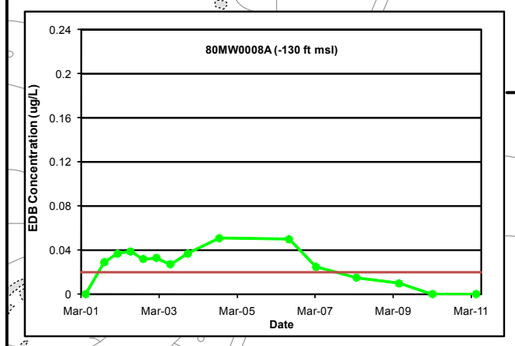


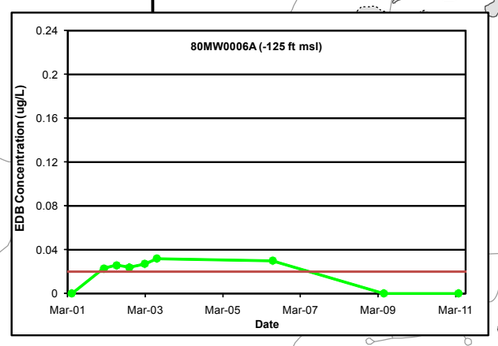


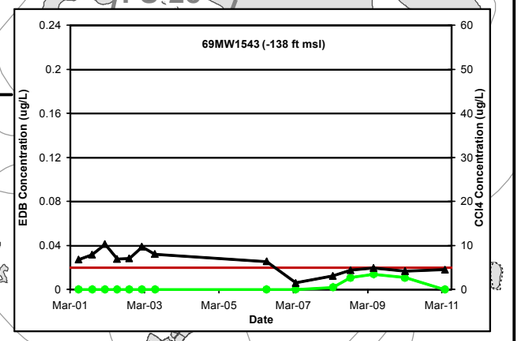








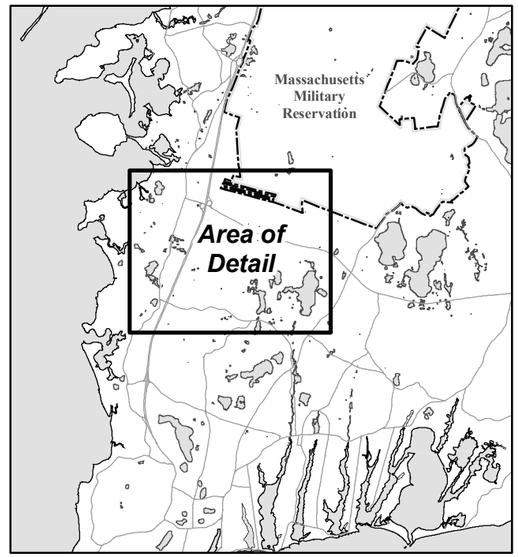




CS-23
MMR Boundary
CS-21
CS-20
FS-28
FS-29
80MW0001A,B
69MW1536A
80MW0004A,B
80MW0002B
69MW1545A
80MW0006A
80MW0008A
69MW1543
Route 28
Route 151
Cloverfield Way
Cutter Dr
Caravel Dr
Goeletta Dr
Hill and Plain Rd
Sam Turner Rd
Barque Dr

Legend

- Monitoring Well
- Extraction Well (On)
- Extraction Well (Off)
- Irrigation Well
- Massachusetts Military Reservation Boundary
- Current Plume Boundary
- Proposed FS-29 Plume Boundary
- EDB
- CCl_4
- EDB MCL (0.02 µg/L) and CCl_4 MCL (5 µg/L)
- ft msl — Feet Mean Sea Level



0 1,000 2,000 Feet

Data Source: AFCEE, July 2011, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

FIGURE 4

FS-29 EDB AND CCl_4 CONCENTRATION TRENDS AT SELECTED MONITORING LOCATIONS

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13 July 2011 Technical Update Meeting

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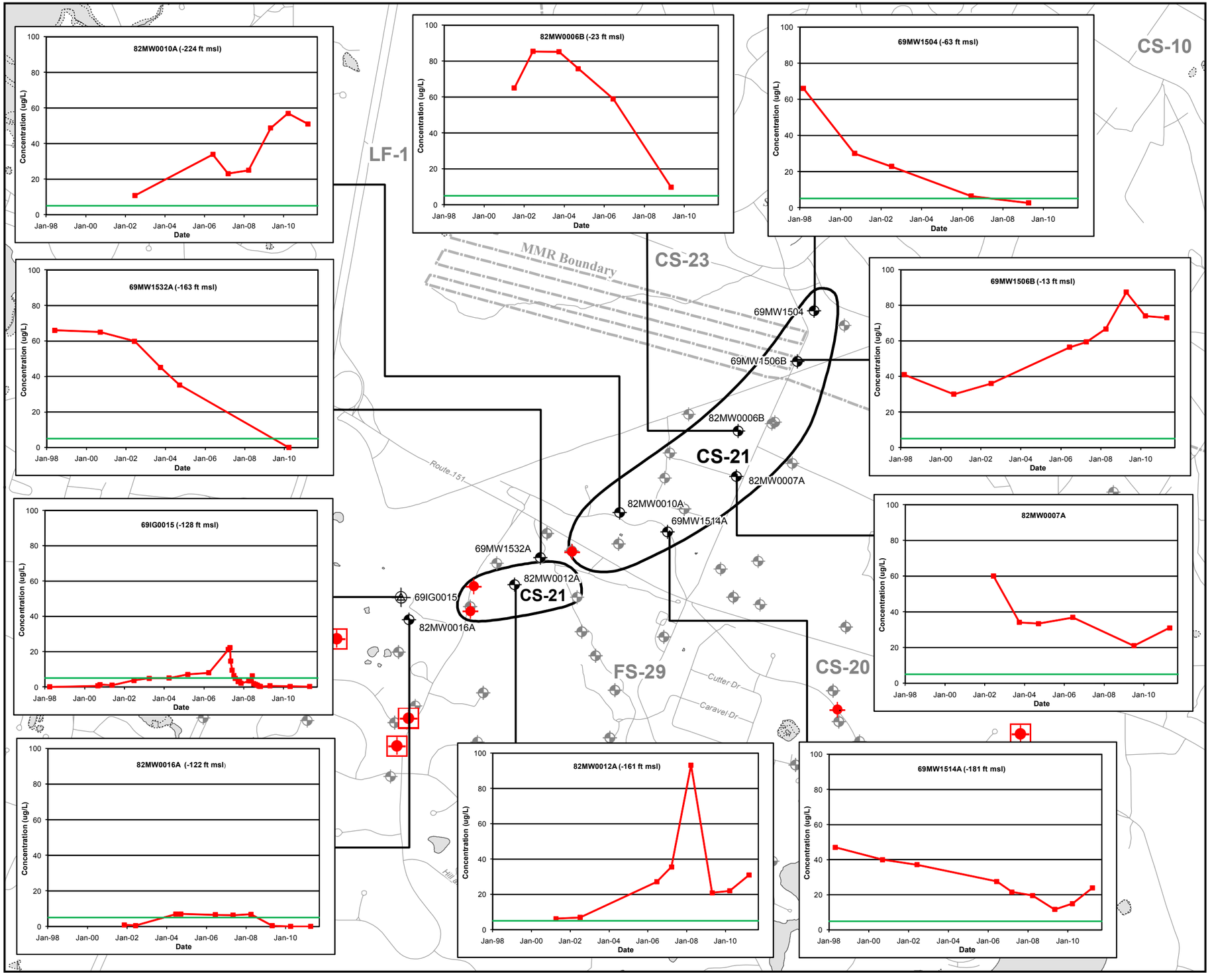
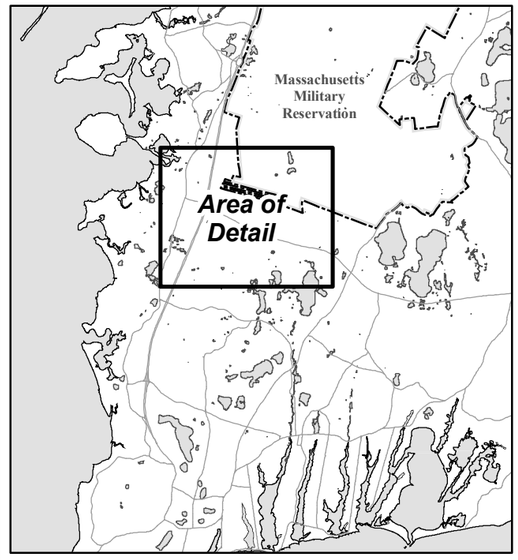
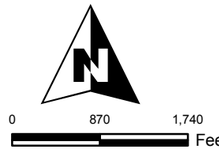


Legend

- Monitoring Well
- Extraction Well (On)
- Extraction Well (Off)
- Irrigation Well
- Massachusetts Military Reservation Boundary
- Current CS-21 Plume Boundary
- Other Plume Boundary
- TCE
- TCE MCL (5.0 µg/L)
- ft msl — Feet Mean Sea Level





Data Source: AFCEE, July 2011, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

FIGURE 5

CS-21 TCE CONCENTRATION TRENDS AT SELECTED MONITORING LOCATIONS

AFCEE - Massachusetts Military Reservation

13 July 2011 Technical Update Meeting

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CH2MHILL	PROJECT NOTE	TASK ORDER 0300
		PROJECT NO. 420005
AFCEE **SPEIM/LTM/O&M** **Otis ANG Base, Massachusetts** **Contract FA8903-08-D-8769-0300**	**DOCUMENT CONTROL NUMBER:** **420005-SPEIM-SWP-PRJNOT-002** **CDRL B008**	PAGE 1 OF 3

Confirmation Of:	Date Held: 17 November 2011
☒ Meeting	Location: IRP Conference Room
☐ Change Notice	Date Issued: 19 March 2012
☐ General Project Note	Recorded By: Jason Dalrymple
Subject: **SOUTHWEST PLUMES 2011 SEMIANNUAL SPEIM DATA PRESENTATION** *EPA OU-09 SWOU & 19 OU-09B SWOU FS28/FS29 PLUMES*	Issued By: Nigel Tindall CH2M HILL TECHNICAL SERVICES MANAGER

ITEM	REMARKS
1.0	**INTRODUCTION** This project note summarizes the Southwest Plumes semiannual data presentation, which included data collected for the Southwest Plumes System Performance and Ecological Impact Monitoring (SPEIM) program in September 2011. These data were presented to the regulatory agencies during the 17 November 2011 Technical Update meeting. The handout for the presentation, including text slides, one figure, and one table is included as Attachment A.
2.0	**BACKGROUND** The Southwest Plumes include the following groundwater plumes: Chemical Spill-4 (CS-4), CS-20, CS-21, and Fuel Spill-29 (FS-29). The contaminants of concern (COCs) for the Southwest Plumes are as follows: • CS-4: trichloroethene (TCE), tetrachloroethene (PCE), 1,1,2,2-tetrachloroethane (1,1,2,2-TeCA), and ethylene dibromide (EDB) • CS-20: PCE • CS-21: TCE • FS-29: EDB and carbon tetrachloride (CCl_4) The Southwest Plumes remedial system is designed to collectively remediate the CS-4, CS-20, CS-21, and FS-29 groundwater plumes. The contaminated groundwater is captured by extraction wells in each plume, treated in a centrally located treatment plant (the Hunter Avenue Treatment Facility [HATF]), and the treated water is returned to the aquifer through reinjection wells, an infiltration trench, and an infiltration gallery. The flow rate (2010 Scenario 02) for the Southwest Plumes remedial system is 1,967 gallons per minute (gpm). The combined flow from the CS-4 and CS-20 extraction wells (919 gpm) enters the HATF through a common influent line, and is treated through dedicated carbon trains. Likewise, the combined flow from the CS-21 and FS-29 extraction wells (1,048 gpm) enters the HATF through a common influent line and is treated through dedicated carbon trains.

Distribution: AFCEE: Rose Forbes, Jon Davis, Bob Power, Admin. Record, EPA: Bob Lim, MassDEP: Len Pinaud, Elliott Jacobs, CH2M HILL: Pat de Groot, Nigel Tindall, Doc. Control

ITEM	REMARKS
	The treated water from the CS-4/CS-20 train and the CS-21/FS-29 train exits the HATF in a combined effluent line and is returned to the aquifer through nine reinjection wells, an infiltration gallery, and an infiltration trench. Phase I of the HATF startup consisted of the CS-4 and CS-20 remedial system components being brought online in December 2005. Phase II of system startup was completed in September 2006 when the CS-21 and FS-29 remedial system components began operation. Analytical data for the Southwest Plumes have been collected through the SPEIM program since Phase I of startup of the treatment system in 2005. This program was developed to monitor plume changes and to ensure the effective operation of the groundwater remediation systems; monitoring networks are also evaluated and optimized through the SPEIM program. The current approved Southwest Plumes SPEIM monitoring network, including analytical scope and methods, is presented in the *Comprehensive Long Term Monitoring Plan (CLTMP)*, which is available from AFCEE. Note that all the analytical data collected in 2011 will be included in the *Southwest Plumes 2011 Summary Letter Report*, which is scheduled for submittal in March 2012.
3.0	**SUMMARY OF RESULTS** Analytical results were presented for selected monitoring wells in the CS-20, CS-21, and FS-29 plumes. There are no results for CS-4 because there are no CS-4 monitoring wells sampled on a semiannual basis. A summary of the main findings is as follows: • Five monitoring wells (81MW0013A/B, 81MW0018B, and 81MW0019A/C) are currently sampled on a semiannual basis at the leading edge of the CS-20 plume to monitor PCE concentrations in the uncaptured portion of the plume (Attachment A Figure 1). PCE concentrations increased in one monitoring well (81MW0013B, see Attachment A Table 1), decreased in one monitoring well (81MW0018B), and were consistent with previous results at the other 3 monitoring wells (81MW0013A, 81MW0019A/C). The PCE concentration in monitoring well 81MW0013B have increased to concentrations higher than predicted by the latest transport modeling simulations (AFCEE 2008); however, based on concentration trends at nearby monitoring wells, the observed increase is expected to be short-lived. • Three monitoring well screens (80MW0015A,B,C) located adjacent to FS-29 extraction well 80EW0002 (shut down in December 2009), and three monitoring well screens (80MW0006A/B, 69MW1542) located adjacent to FS-29 extraction well 80EW0001 (shut down in September 2010) are currently sampled on a semiannual basis as sentry wells. During the reporting period, the CCl_4 concentration in sentry well 80MW0015A [5.2 micrograms per liter (µg/L)] was slightly above the Maximum Contaminant Level (MCL) of 5 µg/L in the samples collected on 07 September 2011. All other sample results at the FS-29 sentry wells were at concentrations below their respective groundwater standards (Table 1).

ITEM	REMARKS
	• Two monitoring well screens (82MW0021A,B) located adjacent to CS-21 extraction well 82EW0004 (shut down June 2010) are currently sampled on a semiannual basis as sentry wells. TCE concentrations were below the MCL of 5 µg/L in samples collected from both sentry wells.
4.0	**CONCLUSIONS** The long term concentration trends for the ten semiannual Southwest Plumes monitoring wells are generally consistent with the conceptual site model for the plumes.
5.0	**RECOMMENDATIONS** AFCEE will continue with all planned SPEIM activities for the upcoming year, which include the following: • a triennial sampling event (March 2012); • routine monthly and quarterly treatment plant and extraction well sampling; and • a data presentation at a summer 2012 Technical Update meeting presenting results from the aforementioned data collection activities.
6.0	**REGULATOR COMMENTS/ACTION ITEMS** No comments were received from the regulatory agencies at the 17 November 2011 Technical update meeting, nor at the follow-up Technical Update meeting on 26 January 2012.
7.0	**REFERENCE** AFCEE. 2008 (May). *Final Chemical Spill-4, Chemical Spill-20, Chemical Spill-21 and Fuel Spill-29 Baseline System Performance and Ecological Impact Monitoring Report.* A4P-J23-35BC24VC-M22-0003. Prepared by Jacobs Engineering Group Inc. for AFCEE/MMR, Installation Restoration Program, Otis Air National Guard Base, MA.

Attachment:
Attachment A: Southwest Plumes Semiannual SPEIM Data Presentation, 17 November 2011 Technical Update Meeting

ATTACHMENT A

Southwest Plumes Semiannual SPEIM Data Presentation, 17 November 2011 Technical Update Meeting

Southwest Plumes Semiannual SPEIM Data Presentation
17 November 2011 Technical Update Meeting

Scope

- Groundwater Sampling Results (Figure 1) for:
  - 5 CS-20 monitoring wells sampled for VOCs
  - 6 FS-29 monitoring wells sampled for EDB, 3 sampled for VOCs
  - 2 CS-21 monitoring wells sampled for VOCs

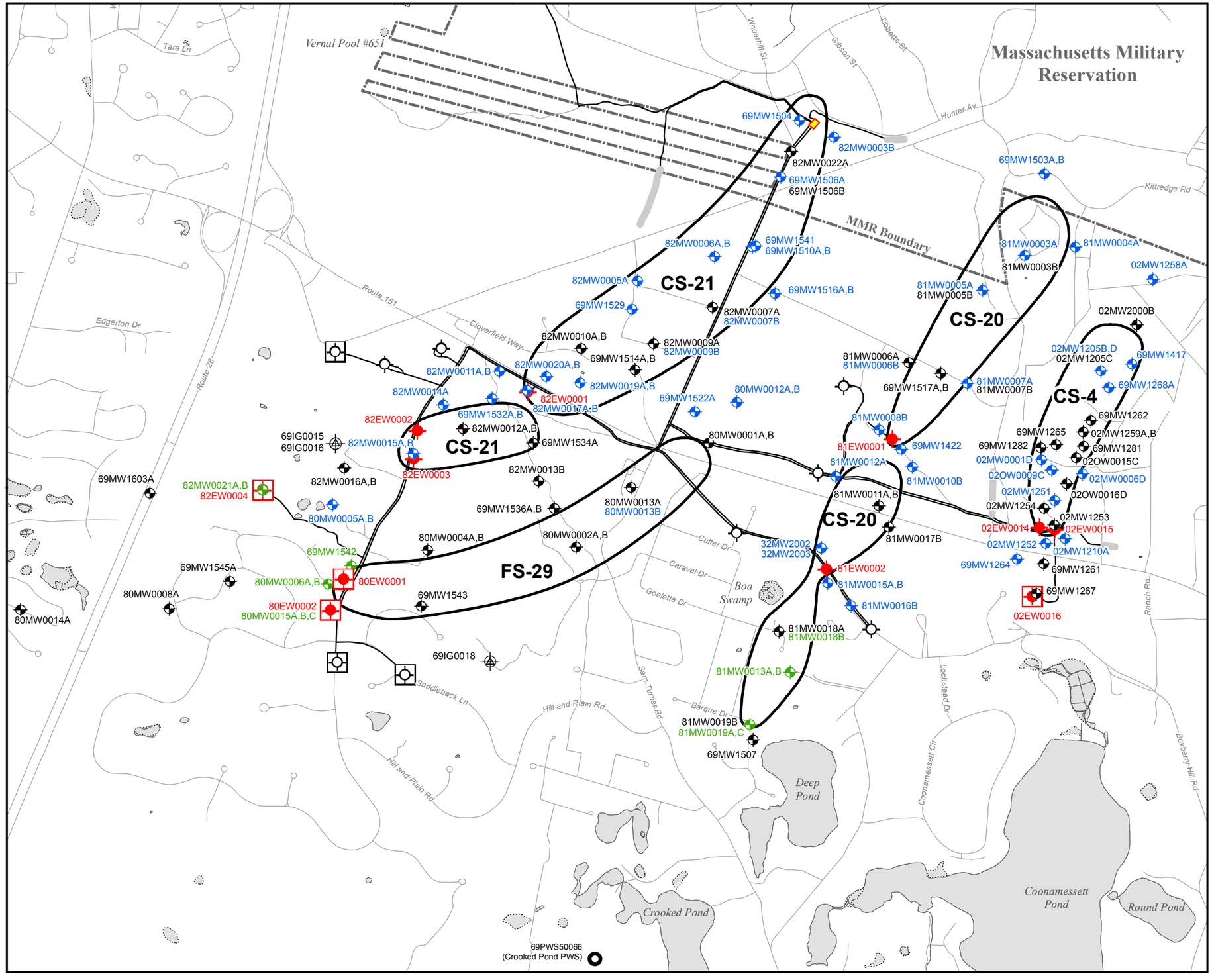
Results

- CS-20 leading edge concentrations fluctuated
- FS-29 sentry well CCl_4 detections just above MCL
  - Consistent with past results, fluctuating above and below MCL
- CS-21 sentry well detections below MCL or ND

Table 1
Southwest Plumes September 2011 Semiannual Sample Results
17 November 2011 Technical Update Meeting

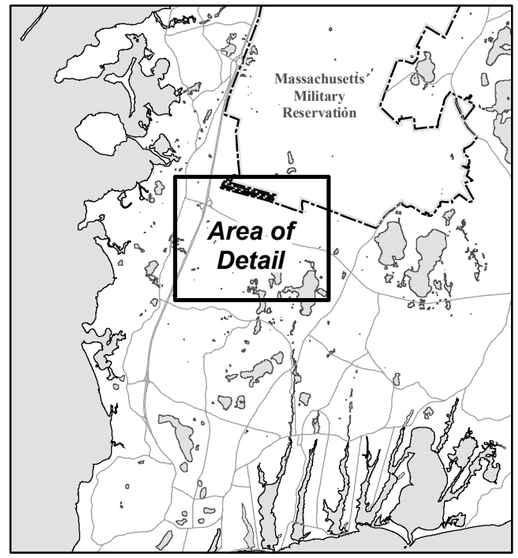
Location	Date	Laboratory Analyses			
		EDB (µg/L) MMCL = 0.02	CCl_4 (µg/L) MCL = 5	PCE (µg/L) MCL = 5	TCE (µg/L) MCL = 5
FS-29 Monitoring Well Data					
69MW1542	4/29/2009	BRL	BRL	--	--
69MW1542	4/1/2011	0.014	1.9	--	--
69MW1542	9/7/2011	BRL	1.3	--	--
80MW0006A	5/13/2009	BRL	--	--	--
80MW0006A	4/1/2011	ND	--	--	--
80MW0006A	9/22/2011	ND	--	--	--
80MW0006B	4/29/2009	ND	--	--	--
80MW0006B	4/1/2011	ND	--	--	--
80MW0006B	9/7/2011	ND	--	--	--
80MW0015A	4/1/2011	ND	**6.4**	--	--
80MW0015A	5/11/2011	--	**5.5**	--	--
80MW0015A	9/7/2011	ND	**5.2**	--	--
80MW0015B	4/1/2011	ND	**5.8**	--	--
80MW0015B	5/11/2011	--	4.7	--	--
80MW0015B	9/7/2011	BRL	4.7	--	--
80MW0015C	8/26/2010	ND	--	--	--
80MW0015C	4/1/2011	ND	--	--	--
80MW0015C	9/7/2011	ND	--	--	--
CS-20 Monitoring Well Data					
81MW0013A	8/26/2010	--	--	**16**	--
81MW0013A	3/2/2011	--	--	**17**	--
81MW0013A	9/22/2011	--	--	**15**	--
81MW0013B	3/23/2010	--	--	**8.5**	--
81MW0013B	3/2/2011	--	--	**24**	--
81MW0013B	9/22/2011	--	--	**31**	--
81MW0018B	3/23/2010	--	--	**29**	--
81MW0018B	3/2/2011	--	--	**8.7**	--
81MW0018B	9/22/2011	--	--	2.6	--
81MW0019A	3/23/2010	--	--	ND	--
81MW0019A	3/2/2011	--	--	ND	--
81MW0019A	9/22/2011	--	--	ND	--
81MW0019C	8/26/2010	--	--	BRL	--
81MW0019C	3/2/2011	--	--	ND	--
81MW0019C	9/22/2011	--	--	BRL	--
CS-21 Monitoring Well Data					
82MW0021A	8/26/2010	--	--	--	2.3
82MW0021A	4/1/2011	--	--	--	4.6
82MW0021A	9/7/2011	--	--	--	2.6
82MW0021B	8/26/2010	--	--	--	ND
82MW0021B	4/1/2011	--	--	--	ND
82MW0021B	9/22/2011	--	--	--	ND

Last Opened 11/9/2011 4:30:27 PM by 12 \\52MPLS-FS-443\LEGACY$\Figures\SWOU\2011\TechUpdate\November17\GIS\Arcmap\SWOU_11TechUp_Fig01.mxd



Legend

- Extraction Well (On)
- Extraction Well (Off)
- Triennnial Monitoring Well
- Annual Monitoring Well
- Semiannual Monitoring Well
- Public Water Supply Well
- Reinjection Well (On)
- Reinjection Well (Off)
- Irrigation Well
- Treatment Plant
- Pipeline
- Infiltration Trench
- Massachusetts Military Reservation Boundary
- Southwest Plume Boundary



0 680 1,360 Feet

Data Source: AFCEE, June 2011, MMR-AFCEE Data Warehouse
MMR boundary from MA ARNG 2004

FIGURE 1

SOUTHWEST PLUMES SPEIM CHEMICAL NETWORK

AFCEE - Massachusetts Military Reservation

17 November 2011 Technical Update Meeting

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